

2nd Edition



2018 Product Catalogue

Products to protect, enhance and improve
plants, trees and their environment



Amenity • Landscape • Forestry • Construction • Groundworks • Specification • Grounds Maintenance • Horticulture

We are delighted to bring you our 2018 product selector, with over 6500 tried and tested landscape essentials.

Green-tech is the largest supplier of landscape products and consumables to the landscape, forestry and construction industry. We strive to meet the needs of landscape architects, designers and contractors with support, advice and product solutions.

As avid supporters of the landscaping industry, we continue to commit effort and resource to ensure our service and products meet the ever-changing environmental, social and economic demands our customers face. In 2017 we attended or sponsored over 40 exhibitions or events to educate and raise awareness within or about the industry.

We are continuing to grow our business to meet demand and we are delighted that 2017 was a record year in terms of turnover, quantity of product out the door and headcount. Our customer satisfaction levels remain very high and we're proud to say that we achieve a 98% first hit delivery target. Our stockholding is at an all-time high and we remain true to our mantra – supplying what you need when you need it, first-time every-time.



Rachel and Richard Kay with the Green-tech team

New Apprenticeship Scheme

We have embarked on a new apprenticeship scheme with Craven College and have taken on three apprentices that are studying towards a diploma in Business Administration. The apprentices have been placed within our sales, marketing and operations departments and are successfully balancing their studies alongside the busy work environment. The scheme has provided us with enthusiastic young talent, full of fresh ideas and we plan to take on more apprentices to provide us with the skilled workers that will be the future of Green-tech.



Members of:



Our latest acquisition – FLP

In March 2017, Green-tech acquired Flexible Lining Products (FLP), one of the largest online retailers of pond liners and geotextiles in the industry. The latest acquisition is a perfect fit for Green-tech, offering complimentary products to the already extensive landscaping range. The new range includes pond and lake lining products, geotextiles and geomembranes, erosion control aids and ground reinforcement products.

New Green-tech anchoring kits

We're excited to unveil, after an extensive R&D period, our new range of specialist anchor tree kits which incorporates the latest ground anchoring technology. The new kits have been developed in partnership with Anchor Systems (International) Ltd, the leading manufacturer of ground anchoring systems.

The new anchor tree kits are borne from the extensive civil engineering, ground reinforcement and utility knowledge of the team at Anchor Systems and Green-tech's wealth of knowledge that comes from supplying anchor systems to the landscape industry for 25 years. Extensive feedback and first-hand experience has given us unique insight into pitfalls with available systems and the Anchor Systems team have been able to address these to design and manufacture a robust system that meets all end-user requirements.

Operating throughout Europe, Anchor Systems draws on two decades of experience in geotechnical and structural stabilisation. With their technical support, advice, design specification and site testing we have produced a range of high quality anchoring systems that will meet the needs of landscape architects, contractors, designers and clients.

The anchoring kits are fully supported by technical drawings, method statements, installation videos and site visits to assist with initial installations.



Anchoring installation



FLP Butyl pond liner being installed



Wooden stakes in stock and ready for delivery

Green-tech now hold an FSC Certification

After a rigorous compliance process Green-tech is now officially FSC certified. We sell in excess of 2.2 million stakes and 15000m³ of wooden bark chippings each year and our customers can now be assured that these are all FSC compliant and made from responsible sources. FSC set the standards for what is a responsibly managed forest, both environmentally and socially, plus when timber leaves an FSC-certified forest they ensure companies along the supply chain meet best practice standards.



The mark of responsible forestry

Many thanks for all your support this year and we look forward to bringing you more landscape solutions in 2018.

Richard and Rachel Kay

Visit us online...

www.green-tech.co.uk

Packed full of products for forestry, landscaping and horticulture. Buy online or alternatively chat to one of the team direct through our Live Chat system. Downloadable technical data sheets and product information available from this website.

Twitter: @greentechltd

Facebook: www.facebook.com/greentechuk

LinkedIn: www.linkedin.com/company/green-tech-ltd

Google+: Green-tech Ltd

www.gtspecifier.co.uk

Developed with landscape architects and garden designers in mind, gtSpecifier focusses on the essentials of product details and specification criteria required when planning a project. gtSpecifier ties in with standard clauses used by RIBA and also provides a CPD request facility of one of our five professional development seminars.

LinkedIn: www.linkedin.com/company/gt-specifier

www.green-tree.co.uk

The first place to look for technical data and specification information for soils and growing media. The Green-tree website offers up-to-date case studies and the latest soil test analysis from our soil and landscape consultancy Tim O'Hare Associates.

Twitter: @greentreesoil

LinkedIn: www.linkedin.com/company/green-tree

www.johnchamberswildflowers.co.uk

Selecting the correct wildflowers for your project can be a daunting task. The John Chambers team understands the soil types, environments, colours and flowering period for each individual stocked seed so as to provide the best possible advice. All our wildflower mixes can now be found online.

Twitter: @jcwildflowers

Facebook: www.facebook.com/johnchamberswildflowerseed

LinkedIn: www.linkedin.com/company/john-chambers-wildflower-seed



For the 2017 – 2018 season, we've invested heavily in our online presence, streamlining our numerous websites to one central point.

www.flexiblelining.co.uk

The latest addition to the Green-tech portfolio of brands, founded over 15 years ago, FLP is one of the largest online retailers of pond liners and geotextiles in the industry. The latest acquisition is a perfect fit for the Green-tech team, offering complimentary products to its already extensive landscaping portfolio. The product range covers the areas of pond and lake excavation products, geotextiles and geomembranes, erosion control aids and ground reinforcement products.

Twitter: @Flexible_lining

www.terramdirect.co.uk

Terram is the brand leading geotextile of the construction industry, the geotextile acts as a filter or separator whilst permitting the passage of water. Utilised extensively in highways and commercial building projects, the Terram brand has become synonymous with quality, practicality and reliability across the industry. Visit terramdirect.co.uk for more information.

Our charity for 2018

The new Green-tech charity for 2018 is Epilepsy Action, chosen by our very own Operations and Logistics Manager Elaine Yates. Elaine is celebrating 11 years with Green-tech, starting life as an office junior and progressing to management of our extensive logistics and haulage network.

Epilepsy Action is a community of people committed to a better life for everyone affected by epilepsy. The charity supports high quality, accessible epilepsy healthcare services, so that people with epilepsy have the support they need to manage their condition and understand epilepsy.



The Green-tech team will aim to raise over £1000 over the next 12 months through various initiatives and fun events including curry days, sausage feasts, cake sales and sporting events.

The Green-tech team raised a whopping £1563.95 for our outgoing charity Physcap during 2017.

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Terms and Conditions: Prices in these subsections are correct at the time of going to press and all prices quoted are in UK sterling. All prices are subject to VAT at the rate ruling and should be treated as a guide only. A full detailed list of our terms and conditions can be found on the website please visit www.green-tech.co.uk. We reserve the right to alter our terms, conditions and specifications at any time without prior notice. A copy of our current terms and conditions can be requested at any time. All orders over £2500 must be confirmed in writing. Carriage charge applies for orders under £300 in value.

Rural Tree Planting

Rainbow Spirals



Green-tech distributes over 4 million spirals to the UK landscape and forestry markets each year. Manufactured in 100% recycled material offering a life expectancy of over four years, tree spirals have been used as the main protector of young trees for many years now. The spiral should be supported by a cane. Available in two standard diameters. 250 per box as standard.

Size	Colour	Single	1 box	4 box
45cm x 38mm	Spiral, Clear, Brown or Green Tint	£0.26	£54.00	£48.50
45cm x 50mm	Spiral, Clear, Brown or Green Tint	£0.33	£75.50	£70.50
60cm x 38mm	Spiral, Clear, Brown or Green Tint	£0.27	£58.50	£54.00
60cm x 50mm	Spiral, Clear, Brown or Green Tint	£0.35	£80.50	£75.00
75cm x 38mm	Spiral, Clear, Brown or Green Tint	£0.38	£88.00	£82.50
75cm x 50mm	Spiral, Clear, Brown or Green Tint	£0.49	£114.50	£99.00

*Please specify holes or no holes at time of order.

Bamboo Canes



Canes are graded by diameter at the base or by weight per 100 canes. Other sizes available on request.

Length	Dia.	Weight /Bail	Qty /Bale	Single	Bale 1+	Bale 10+
90cm	10 – 12mm	9 – 11lb	500	£0.12	£36.75	£34.00
90cm	12 – 14mm	12 – 14lb	500	£0.13	£44.50	£39.50
90cm	14 – 16mm	14 – 16lb	250	£0.16	£28.00	£25.00
1.2m	14 – 16mm	22 – 24lb	250	£0.20	£38.50	£34.50
1.5m	10 – 12mm	22 – 24lb	250	POA	POA	POA
1.8m	12 – 14mm	28 – 32lb	250	POA	POA	POA

Bamboo is a natural product, please allow for some small amount of breakage when placing orders.

Green-tech supply tree shelters for woodland creation in the Kilpatrick Hills



Forest Enterprise Scotland have commissioned the creation of a new 279ha woodland in the Kilpatrick Hills, Glasgow.

Highfield Forestry won the contract and is working on behalf of Forest Enterprise Scotland to oversee and manage this vast productive broadleaf plantation.

The work commenced in summer 2016 and includes installation of fencing, ground cultivation, grass cutting, tree and shrub planting, chemical weeding and pest control. 763,159 new trees will be planted as part of the project.

There is a risk of rabbit and hare damage to the trees throughout the plantation. The many remaining gorse bushes it made it impossible for Highfield Forestry to fence out the hares and rabbits. They turned to Green-tech for a solution and purchased 9,000 Tubex tree shelters and 80,000 tree spirals for the first phase. As well as protecting against animals, the Tubex shelters provide an improved micro-climate for trees which results in better initial establishment and higher survival rates. Tree spirals are most commonly used in the forestry market and will protect young trees for the first four years of life to give them the best start.

Tubex Tree Shelters



Standard Tree

Ø73 – 105mm

The Tubex Standard provides an improved micro-climate for trees which results in better initial establishment and higher survival rates. This phenomenon allows for the planting of smaller trees, which are cheaper to plant and easier to source, and which ultimately lead to better trees with stronger roots. Ideal for protecting growing trees from rabbits, deer and herbicide.



Ecostart

Ø57 – 73mm

The Ecostart is often used in hedging and small scale landscaping projects, with whip planting in the 20 – 40cm range.



Easywrap

Ø50 – 65mm

The Tubex Easywrap can be slipped over a small whip plant and will expand as the plant grows. A cost effective alternative to spirals, no PVC, made from environmentally acceptable twin walled polypropylene.



Height	<100	100+	500+	1000+
60cm	£1.05	£0.95	£0.85	£0.75
75cm	£1.23	£1.13	£0.92	£0.89
1.2m	£1.77	£1.61	£1.38	£1.27

Colour: Tubex Green
Diameters: 73mm to 105mm
Nests: 5
Bundles: 100

Height	<100	100+	500+	1000+
60cm	£0.84	£0.77	£0.69	£0.63
75cm	£1.00	£0.91	£0.82	£0.79

Colour: Tubex Green, Clear
Diameters: 57mm to 73mm
Releasable nylon tie
Nests: 3
Bundles: 150

Height	<100	100+	500+	1000+
60cm	£0.50	£0.45	£0.35	£0.25
75cm	£0.55	£0.50	£0.45	£0.35

Colour: Tubex Translucent Green
Diameters: 50mm to 65mm
Nests: 2
Bundles: 150

Standard Plus

Ø80 – 120mm

For those tougher jobs, providing a slightly wider diameter than the Tubex Standard, the Tubex Standard Plus comes in a range of heights from 1.2m to 1.8m.



Shrub Shelter

Ø130 – 160mm

Tubex Shrubshelters will give improved survival rates by protecting plants from hares, rabbits and voles and are mainly used for landscaping projects with mixed planting stock.



Shrub Shelter Plus

Ø144 – 200mm

Tubex Shrubshelter Plus is the largest diameter product currently manufactured by Tubex and will give improved survival rates by protecting plants from hares, rabbits and voles. The Tubex Shrubshelter Plus is mainly used for landscaping projects with mixed planting stock.



Height	<100	100+	500+	1000+
1.2m	£1.93	£1.75	£1.57	POA
1.5m	£2.41	£2.20	£1.99	POA
1.8m	£2.85	£2.60	£2.35	POA

Colour: Tubex Green
Diameters: 80mm - 120mm
Nests: 5
Bundles: 60

Height	<100	100+	500+	1000+
60cm	£1.68	£1.52	£1.38	POA
75cm	£1.93	£1.76	£1.61	POA

Colour: Tubex Green
Diameters: 130mm - 160mm
Nests: 4
Bundles: 28

Height	<100	100+	500+	1000+
60cm	£2.37	£2.16	£2.00	POA
75cm	£2.61	£2.38	£2.15	POA

Colour: Tubex Green
Diameters: 144mm - 200mm
Nests: 5
Bundles: 35

Shelter height requirements

Rabbits	0.6m
Hares	0.75m
Fallow Deer	1.5m
Red Deer	1.8m



Request our latest tree planting promotional prices on 01423 332 100

Shelters and Guards



Tubex Shelterguard Mesh (with film)

A sturdy shelter providing an enhanced growing environment for the tree. All shelters have ties pre-fitted as standard. A moulded top lipping is fitted to prevent stem abrasion.



Tubex Shelterguard Mesh for Shrubs (with film)

A moulded top lipping to prevent stem abrasion and have ties pre-fitted as standard. The film/netting is designed to photodegrade and split as the stem of the growing tree expands to fill the tube.



Tubex Mesh Tree Guard

12mm square plastic netting, identical to Shelterguard Plus but without the polythene lining. Suitable for the protection of evergreens which can grow too rapidly in an enclosed shelter, becoming top heavy.



Material	Recycled HDPE & LDPE Photodegradable
Colour	●
Height	60cm, 75cm, 90cm, 1.2m, 1.5m, 1.8m
Diameter	80 – 110mm

Material	Recycled HDPE & LDPE Photodegradable
Colour	●
Height	60cm
Diameter	130-160mm, 150-180mm, 170-200mm

Material	Recycled HDPE Photodegradable
Colour	●
Height	60cm, 75cm, 90cm, 1.2m, 1.5m, 1.8m
Diameter	80 – 110mm, 130 – 160mm, 150 – 180mm, 170 – 200mm

*Oxo degradable tree guards also available. Identical to the standard tree shelter, yet manufactured with an additive added to the recycled polymer which causes the plastic mesh to breakdown after its useful life.

Tubex 12D

Tubex 12D is a degradable tree shelter combining biopolymer (starch based) and oxo-biodegradable polypropylene. This combination gives customers all the qualities of a Tubex shelter (flared rim, laserline and twin wall rigidity), whilst ensuring that it degrades in a more controllable fashion.

- 12D shelters have all the benefits of a traditional shelter (light transmission, microclimate, ventilation, protection, easy to install etc) with the added benefit of better degradation control.
- 12D shelters offer a complete product life cycle (shelf life, service life, degradation period) that fits the needs of our customers.

Service Life

The shelters have been designed to suit different applications with a service life of between 3 and 7 years.

Degradation time frame

The time frame in which the product degrades will always be dependent upon the environment it is in. Many factors contribute to this process, with the important ones being sunlight and bacteria. Sunlight is needed to break up the polymer chains whilst bacteria is needed to digest these small chains.



Description	Life Span	Price
60cm Tubex Std 12D	3 yrs	POA
60cm Tubex Shrub 12D	3 yrs	
1.2m Tubex Std 12D	7 yrs	
1.2m Tubex Std Plus 12D	7 yrs	
1.2m Tubex Combi 12D	7 yrs	
1.2m Tubex Combi Plus 12D	7 yrs	
1.2m Tubex Ventex 12D	7 yrs	
1.5m Tubex Std Plus 12D	7 yrs	
1.5m Tubex Ventex 12D	7 yrs	
1.8m Tubex Ventex 12D	7 yrs	

Defender Pro Shelter



The Defender Shelter offers protection for young trees and shrubs against browsing animals and harsh weather conditions, promoting faster tree growth and increased survival rates. They are extremely quick and easy to install with the unique 'no ties' staking and securing system it ensures planting is done swiftly and simply, with maintenance carried out with the same level of simplicity and speed. It is also an environmentally responsible product being manufactured using 100% recyclable UV stabilised polypropylene which is harmless to the environment.

Key benefit

- Quick and easy to install with 'no ties' staking and securing system
- Shelter designed to split open as girth of the tree increases
- Transported 'flat pack' so allowing delivery at point of application
- Durable twin-wall construction
- Estimated life span 5 – 7 years

Technical Information

- Manufactured from UV stabilised polypropylene
- Harmless to the environment
- Designed to be transported flat pack
- 100% recyclable
- Radial top lip to minimise abrasion to tree stem

Height	1+
Defender Pro Tree Shelter 60cm	POA
Defender Pro Tree Shelter 1.2m	
Defender Pro Shrub Shelter 60cm	

Premium Strimmer Guards

This robust product will take care of the tree, protecting from strimmer, machinery and animal damage. The guard reduces the risk of costly tree failure and speeds up grounds maintenance. Modular click-together design is easy to fit around any tree – simply add extra panels as the tree grows. Only available in brown.



Benefits:

- Tough, thick plastic offers long-lasting protection from machinery contact and abrasion, such as strimmers.
- By bedding the base of the tree-guard into the lawn, weed growth is reduced.

Size
335mm (W), 200mm (H), 95mm (dia.)

Vole Guards

Standard

These vole guards are small and lightweight. The guard expands as the tree grows offering the ideal protection from voles. Offering excellent protection against strimmers once pushed into the ground.

Spiral

A budget friendly vole guard made from high quality PVC. Available in clear and brown.



Type	Material	Colour	Height	Diameter
Standard	Polypropylene	●	20cm	38mm
Spiral	PVC	● ○		

Stakes and Canes



Square Sawn Softwood Tree Stakes

These stakes are square sawn, pointed and treated with Green Osmose AE500 (tannalised) to last longer. A 25mm square stake is usually adequate but in exposed, soft or stoney areas a 32mm square stake should be used. Prices are per stake.

Sizes	Pallet Qty	Single	1 Pallet+
75cm x 25mm	2400	£0.29	£0.26
90cm x 25mm	1200	£0.35	£0.31
90cm x 32mm	840	£0.50	£0.46
120cm x 32mm	840	£0.61	£0.57
135cm x 32mm	840	£0.68	£0.63
150cm x 32mm	840	£0.72	£0.67
180cm x 32mm	840	£0.89	£0.85
240cm x 75mm	203	£4.96	£4.86

* Prices are valid if purchased with shelters or guards. Otherwise add 10%.



Machine Round Stakes

These stakes are pointed with a chamfered top and treated with Green Osmose AE500 (tannalised) to last longer. Prices are delivered in Mainland UK.

Sizes	Pallet Qty	Single	1 Pallet+
1.2m x 50mm	431	£1.30	£1.05
1.2m x 60mm	298	£1.80	£1.55
1.5m x 50mm	431	£1.55	£1.35
1.5m x 75mm	203	£2.85	£2.55
1.65m x 75mm	203	£2.95	£2.75
1.8m x 50mm	431	£1.75	£1.55
1.8m x 75mm	203	£3.35	£3.15
2.4m x 60mm	298	£3.70	£3.40
2.4m x 75mm	203	£4.50	£4.30

Other sizes available on request.



Bamboo Canes

Graded by diameter at base or by weight per 100 canes.

Length	Dia.	Weight /Bail	Qty /Bale	Single	Bale 1+	Bale 10+
90cm	10 – 12mm	9 – 11lb	500	£0.12	£36.75	£34.00
90cm	12 – 14mm	12 – 14lb	500	£0.13	£44.50	£39.50
90cm	14 – 16mm	14 – 16lb	250	£0.16	£28.00	£25.00
1.2m	14 – 16mm	22 – 24lb	250	£0.20	£38.50	£34.50
1.5m	10 – 12mm	22 – 24lb	250	POA	POA	POA
1.8m	12 – 14mm	28 – 32lb	250	POA	POA	POA

Other sizes available on request.



Cross Bars

For use with belting and blocks when securing larger trees.

Size	50+	200+
900mm x 38mm x 75mm	£1.75	£1.65
900mm x 25mm x 75mm	£1.60	£1.45

Green-tech now hold an FSC Certification on square sawn softwood tree stakes and machine round stakes



The mark of responsible forestry
FSC® C137328

Stakes and canes are natural products subject to natural variability. Please take this into account when ordering by anticipating a small quantity of breakages, particularly with smaller sizes.

Weld and Mesh Tree Guards



Mesh Tree Guard Cut Pieces

Size	Col.	1+	100+	500+	1K+
60cm x 10cm	●	£0.56	£0.54	£0.45	£0.40
60cm x 15cm	●●●	£0.91	£0.87	£0.72	£0.64
60cm x 20cm	●●●	£1.21	£1.15	£0.96	£0.85
60cm x 25cm	●●●	£1.30	£1.25	£1.20	£1.15
60cm x 30cm	●●●	£1.51	£1.45	£1.40	£1.35
1.2m x 10cm	●●●	£1.16	£1.05	£0.82	£0.74
1.2m x 18cm	●●●	£2.47	£2.35	£1.96	£1.74

Priced per guard. Available in 12mm sq grid size.
Other diameters/ heights available on request.

For all fertilisers
see pages 106 – 107



Tree Mesh Guard Rolls

Mesh Guards are manufactured from high density polyethylene. This material is UV stabilised, rot proof, chemical resistant and helps prevent damage. Guards should be secured to an external stake or bamboo cane with cable ties or staples. The amount of support required will depend upon site conditions.

Size	Grid Size	Col.	1+	10+	20+
60cm x 50m	13mm	●●●	£52.00	£49.50	£47.00
1.2m x 50m	13mm	●●●	£105.00	£98.00	£92.00



Planet Tree Guard (Preformed)

Black or green guards secured with two bamboo canes, mesh at the top, solid at the bottom to allow chemical weed control, lightweight.

Height	Colour	Diameter	100+
60cm	●●	130mm	£0.45



Weld Mesh

High level of protection from grazing stock. All weld mesh guards are manufactured from 12 gauge wire, 25mm x 75mm grid size, galvanised. Secure with fencing clips or ratchet ties, available separately. Price may vary due to fluctuations in the steel market. Bespoke sizes and rolls available.

Height x Diameter	5+	20+	50+
1.2m x 200mm	£14.00	£13.50	£13.00
1.2m x 250mm	£15.00	£14.50	£14.00
1.2m x 300mm	£16.00	£15.50	£15.00
1.8m x 200mm	£17.75	£17.25	£16.75
1.8m x 250mm	£18.75	£18.25	£17.75
1.8m x 300mm	£19.75	£19.25	£18.75

Plastic Coated Weld Mesh

Green PVC coated square welded wire mesh is manufactured from 3mm/2.5mm steel wire, 50mm x 50mm grid size. The PVC plastic coated welded wire has a good level of protection from corrosion. Uses include:

- Garden fencing
 - Pet enclosures
 - Chicken runs
 - Rabbit hutches
 - Tree guards
 - Plant protection
- Bespoke sizes available.



Height x Diameter	5+	20+	50+
1.2m x 300mm	£20.00	£19.00	£17.00
1.8m x 300mm	£24.50	£23.50	£22.50
1.8m x 600mm	£45.00	£43.00	£41.00

Mulch Matting and Pegs

gt Ecomatt Mulch Mat

Manufactured in the UK, exclusively for Green-tech Ltd from 100% recycled materials:

- 70% Recycled Jute: Re-used jute sacking and bags from the rice, cocoa and coffee trade.

The product is needle punched onto a degradable polythene backing, to allow both air and water to pass through the layers. gt Ecomatt benefits:

- Helps to suppress competing weed growth within the vicinity of the plants root development area.
- Allows water and air to percolate through the wool layer and helps to retain moisture in times of drought.
- The matting/roll acts as an insulator and absorbs heat from the sun thus creating an assisted environment for the plant to establish itself.
- Totally degradable, lasting a minimum of two seasons.



Description	Pack Size	Price
gt Ecomatt 450g 50cm x 50cm	100	£69.50
gt Ecomatt 450g 100cm x 100cm	100	£252.50
gt Ecomatt 750g 50cm x 50cm	100	£78.00
gt Ecomatt 750g 100cm x 100cm	100	£290.00

*For gradients up to 35° use 450g gt Ecomatt, in instances up to 45-50° we recommend the 750g product. A site survey should be undertaken prior to installation to consider specific site circumstances such as wind speed, nature and current erosion.

**Please note that the colour and appearance of gt Ecomatt may vary slightly due to the nature of the recycled materials used.

Polythene Weed Mats

An inexpensive, effective method of weed control and reduction of water loss. They are effective for approximately three growing seasons. Weed mats are made from 500 gauge (125 micron) photodegradable polythene, slit from centre to side.



Description	Unit Size	1+	5+	50+
60cm x 60cm square mat	100/pk	£25.50	£23.50	£21.50
100cm x 100cm square mat	100/pk	£58.00	£53.00	£48.00

Woven Weed Mats

Black woven polypropylene, water permeable, reduces weed growth, effective for approximately 5 seasons, UV degradable to recyclable material, slit from centre to side.



Description	Unit Size	1+	5+	50+
50cm x 50cm square mat	100/pk	£36.50	£31.50	£26.50
100cm x 100cm square mat	100/pk	£97.00	£84.50	£77.00

For stakes and canes see page 10



Greenfix Mulch Mat – Type 10

Where landscape planting is required, particularly on slopes, Greenfix Mulchmats provide mulching, moisture control, non-chemical weed control, soil erosion protection and soil temperature balance in one single operation.

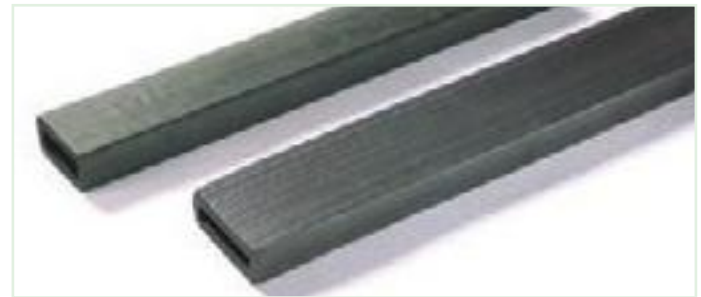
Type 10 Mulchmats provide weed control and mulching typically for at least 3 years. Mulch spats are available for individual plant protection in ready cut versions with a centre hole for plant insertion.

Item	Description	Size
Type 10 Roll	Top Degradable PP-Mesh, 100% Coir, off-set split twin Bio-mulchfoil	1.2m x 30m
		2.4m x 30m
Type 10 Spats	For individual plant protection ready cut to the spat centre	60cm x 60cm
		80cm x 80cm
		120 x 120cm

Pegs and Pins

Product	Units	1+	5+	10+
Black Square-Peg®, 160mm, Flat Top with 10 Max-Grip Barbs	2000/box	£93.00	£87.00	£85.00
Steel 'J' pins – 20cm x 4mm Ø	500/pk	£46.00	£44.00	£42.00
Degradable Square-Peg® BIO, 160mm, Flat Top, 10 Barbs	2000/box	£145.00	£140.00	£135.00

Belting and Blocks



Spacer Sleeves

For multi stake tree support.

Ref.	Size	Unit Size	1+	100+	500+
HSS40L	40mm x 1.2m	Each	£4.70	£4.60	£4.50
HSS25L	25mm x 1.2m	Each	£3.70	£3.60	£3.50
HSS25	25mm x 300mm	Each	£1.50	£1.40	£1.30
HSS40	40mm x 300mm	Each	£1.95	£1.85	£1.75



Holdfast Rubber Blocks

Include nail holes for ease of fitting, for universal use with square or round posts. HB3 can be used against a cross bar.

Ref.	Width	Height	Depth	Box Qty	1+	100+	500+
HB1	50mm	45mm	25mm	400	£0.48	£0.46	£0.44
HB2	75mm	63mm	25mm	170	£0.87	£0.85	£0.83
HB3	90mm	75mm	44mm	64	£2.15	£2.10	£2.05



Hoop Collars/Spacers

For use with belting.

Size	Unit Size	1+	5+	10+
25mm	500/pk	£36.25	£35.25	£34.25
38mm	500/pk	£57.75	£56.75	£55.75

Tying methods: Separate literature available on the Holdfast range, please contact the office.



Heavy Duty Webbed Belting



gt Natural Tie



Heavy Duty Rubber Belting

Holdfast Tree Belting



Ref.	Material	Roll Width	Thick-ness	Roll Length	1+	5+	10+
HP25	PVC Belting	25mm	2mm	25m	£14.00	£12.75	£11.75
HP40	PVC Belting	38mm	2mm	25m	£22.00	£20.00	£19.00
HR25	Heavy Duty Rubber Belting	25mm	3mm	15m	£19.00	£17.50	£16.00
HR40	Heavy Duty Rubber Belting	38mm	3mm	15m	£26.75	£24.50	£22.50
HR50	Heavy Duty Rubber Belting	50mm	3mm	15m	£29.75	£27.25	£24.25
HW25	Heavy Duty Webbed Belting	25mm	2mm	50m	£14.50	£13.50	£12.50
HW40	Heavy Duty Webbed Belting	38mm	2mm	50m	£35.00	£33.00	£31.00
GT50	gt Natural Tie	50mm	1mm	36m	£15.00	£14.00	£13.00

Tree Ties



Chainlock Tie

Desc.	Size	Unit	1+	5+	10+
No. 2	11.4mm x 2.5mm	25m	£7.25	£7.00	£6.75
No. 3	11.4mm x 3.8mm	25m	£8.00	£7.60	£7.00
No. 4	25.4mm x 2.5mm	25m	£18.25	£17.85	£17.35
No. 5	25.4mm x 3.8mm	25m	£29.95	£27.35	£24.60

Green-tech, protecting over
10 million trees each year

Buckle Tree Ties

Slip resistant

Description	Size	Unit	1+	5+	10+
Mini Tree Tie	30cm x 12.5mm	100/pk	£33.00	£31.50	£29.50
Buckle Tie	38cm x 25mm	100/pk	£41.00	£39.00	£37.00
Buckle Tie	45cm x 25mm	100/pk	£45.00	£42.00	£41.00
Buckle Tie	60cm x 25mm	100/pk	£53.00	£50.00	£48.00

Rainbow Semi Mature Tree Ties

Description	Size	Unit	1+	5+	10+
Semi Mature Tie	60cm x 38mm	50/pk	£90.00	£84.50	£79.50

Tree Ties



Super Soft Tree Ties

Description	Unit	1+	5+	10+
30cm x 13mm	100/pack	£21.00	£19.00	£17.00
40cm x 22mm	100/pack	£32.50	£30.50	£28.50
50cm x 22mm	100/pack	£36.50	£33.50	£30.50
60cm x 22mm	100/pack	£55.00	£53.00	£51.00



Easi-Fix Tree Strapping

Material	Roll Width	Roll Length	1+	5+	10+
Easi-Fix Nail on c/w 75 hoop collars	25mm	25m	£28.00	£26.50	£24.50
Easi-Fix Nail on c/w 75 hoop collars	38mm	25m	£39.50	£36.50	£34.50

Cable Ties

Description	Col.	Unit	1+	5+	10+
Cable Ties 4.8mm x 200mm (non releasable)	●	1000/pk	£21.00	£18.00	£15.00
Cable Ties 4.8mm x 200mm (releasable)	●	1000/pk	£45.00	£40.00	£35.00
Cable Ties 4.8mm x 300mm (non releasable)	●	1000/pk	£24.00	£22.00	£20.00
Cable Ties 4.8mm x 300mm (releasable)	●	1000/pk	£55.00	£50.00	£45.00



Rubber Tree Cushions

Strong yet pliable thermoplastic rubber with ribbed surface for grip. Hollow centre allows for change to tree shape as it grows.

Description	Unit	1+	5+	10+
25mm opening. Size: 50 x 50 x 15mm	100/pack	£75.00	£70.00	£65.00
38mm opening. Size 50 x 50 x 15mm	100/pack	£95.00	£90.00	£80.00



Request our latest tree planting promotional prices on 01423 332 100

Fencing

Temporary and Semi Permanent Newt Fencing

Polythene Barrier

1000 gauge polythene barrier for use as newt, amphibian and reptile fencing. The polythene barrier provides exceptional tear resistance and strength in exposed areas, the ideal material for trapping, providing a refuge or surveying newts. UV Stabilised for up to 5 years.

Install by digging a trench and installing the polythene barrier to create a fence with wooden stakes, washers and nails.



Colour	Roll Size	Gauge	1+	5+	10+
Clear	1m x 100m	1000	£89.00	£85.00	£79.00
Green Tint	1m x 100m	1000	£99.00	£95.00	£90.00

Great Crested Newts are offered the highest level of protection under Schedule 5 of the Wildlife and Countryside Act 1981. You must not:

- Deliberately or intentionally kill, capture or injure the newt
- Disturb or destroy their habitat, breeding grounds or eggs
- Keep, transport, sell/exchange or advertise Great Crested Newts

Stakes

Suitable for the securing of temporary or semi-permanent fencing. All stakes are treated with Green Osmose AE500 (tannalised) to last longer.



Size	Type	£/stake
1.2m x 50mm	Machine Round Pointed	£1.30
1.2m x 32mm	Square Sawn Pointed	£0.61

Fixings

Product	Pack size
Washer	500
Clout Nails	25kg
Fixing Screws	200



Trap Accessories

Product	Dimensions
11Ltr Round Bucket	22mm (H) x 29mm Ø
Newt Floats	100mm x 100mm x 25mm
Exit Ladder	25mm x 75mm x Length



Chestnut Paling Fencing

A traditional, hard-wearing material bound together with wires, these rolls are an economical way of fencing large areas or boundaries. Other sizes available, please ask for further details.



Description	Unit Size	Price
1.05m x 10 – 12.5mm gap, 2 wires	9.2m roll	POA
1.2m x 10 – 12.5mm gap, 2 wires	9.2m roll	POA



Orange Barrier Fencing

Manufactured from high-density polyethylene orange fencing which is tough, rot proof and yet lightweight enough to be transported from site to site. It is also UV stabilised for long life.

Description	Unit Size	1+	5+	25+
1m barrier fencing 5.5kg roll	50m roll	£24.00	£20.00	£18.00
Barrier fencing pins, 1.3m high	10/pack	POA		

Stock Fencing

Stock fencing is a galvanised steel fence netting for livestock (pigs, sheep and goats). It is manufactured from 2.3mm thick top and lower wires, with the intermediate wires 1.9mm thick (wire diameters). The mesh holes are a nominal 150mm apart. 50m roll.



Applications

- Pig and lamb fencing
- Livestock fencing
- General agricultural fencing applications

Request a quote from a member of the team by calling 01423 332 100

Fencing



Deer Fencing

A very high strength, lightweight 1.8m high deer fence manufactured from polypropylene.

The deer fence is black, UV stabilised, is rot proof and unobtrusive. Deer fencing is very quick and easy to erect and each roll weighs less than 15kg. The deer netting should be installed by battening to fencing posts to ensure the mesh filaments are not damaged.

Deer fencing net is supplied on a 100m long roll and is lightweight which makes it quick, easy and very cost effective to install.

Features

- Deer fence is easy to install
- The plastic net has a high tensile strength
- UV stabilised and chemical resistant
- Deer fencing is lightweight, less than 15kg/roll

Description	Each
1.8m x 100m Roll	£150.00
2m x 100m Roll	£168.00
2m x 50m Roll, Mild Steel	POA



Rabbit Fencing

Rabbit fencing netting is a steel galvanised hexagonal wire mesh for protecting newly planted trees, crops, plants, gardens, vegetable plots from roaming rabbits, hare and other small browsing animals. Rabbit fence netting is manufactured from steel wire netting and is galvanised by hot-dipping to protect against corrosion.

Applications

- Chicken runs and poultry fencing
- Pet runs and pet cages
- Garden fencing
- Deer fencing and deer control (1.8m high version available)
- Protection of young trees (treeguards)
- Plant support
- Plant and crop protection

Description	Unit Size
1050mm x 31mm x 19 gauge	50m roll
1200mm x 31mm x 19 gauge	50m roll

Fencing Sundries



Nails and Staples

Description	Unit Size
20mm long U fencing staples galvanised, 2mm gauge	20kg
40mm long U fencing staples galvanised 4mm gauge	20kg
75mm x 3.35mm nails	25kg
75mm x 3.75mm galvanised coated nails	25kg

Line Wire

Description	Unit Size
2.5mm H.T. galvanised	25kg / 660m apx.
3.15mm M.S. galvanised	25kg / 410m apx.
Titan H.T. barbed wire	25kg / 200m apx.

Tension Tools

Description
Maxigripple
Medigripple
Gripple Tensioning Tool

Prices vary dependent on European steel prices at time of manufacture. Please call for latest prices.

Urban Tree Planting and Tree Irrigation

Tree Irrigation

Tree irrigation systems are an essential tool to guarantee the success of urban planted trees. Lack of water at the tree's root ball can be detrimental to the lifespan and survival of the tree. It is recommended that when an urban tree is planted a tree irrigation system is put in place to ensure the tree receives the best start. By proactively installing a system that will irrigate at the rootball the tree's roots instantly receive the much needed water to aid growth.



Mona Relief



Mona Relief with Aria Inlet

Mona Relief

The Mona Relief irrigation unit is easy to install and delivers water directly to the tree or shrub roots at a consistent level.

Benefits:

- Cost effective
- Easy to use/Quick to install
- Integral filters
- Discreet and unobtrusive
- 35mm perforated piping
- Quality cap
- Reduces water volume

Model	Dimensions	Application Type	1+	20+	50+
MR1	1.25m x 35mm	Small trees and specimen shrubs	£6.30	£5.88	£5.25
MR2	1.75m x 35mm	560mm Standard and select standard trees, check rootball diameter to match your irrigation kit	£6.83	£6.30	£5.62
MR3	2.5m x 35mm	800mm Standard and select standard trees, check rootball diameter to match your irrigation kit	£8.14	£7.35	£6.62
MR4	4.0m x 35mm	1300mm Standard and select standard trees, check rootball diameter to match your irrigation kit	£9.98	£9.04	£8.14

Add 50p per unit for the Mona Relief with Aria Inlet



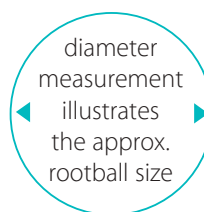
Mona Relief Grande



The Mona Relief Grande has an in-built filter ensuring only water and air have access to the irrigation ring. It is easy to install and delivers water directly to the tree or shrub roots at a consistent level.

Benefits:

- Cost effective
- Discreet and unobtrusive
- Easy to use/ quick to install
- Lockable cap
- Integral filters
- Flip top inlet
- Reduces water volume



Model	Dimensions	Ring Diameter	1+	20+	50+
MRG3	3m x 60mm	900mm	£15.76	£14.18	£12.61
MRG5	5m x 60mm	1530mm	£17.68	£16.68	£15.88
MRG8	8m x 60mm	2500mm	£21.01	£19.44	£17.86
MRG8D	Double Inlet	2500mm	£29.50	£26.75	£26.00

Add 50p per unit for the Mona Relief Grande with Aria Inlet



Mona Relief Grande with Aria Inlet

Tree Irrigation



Mona Relief Vente

The Monna Relief Vente irrigation unit is manufactured from cast aluminium. It is decorative, robust and fits perfectly with Green-tech's Dales Collection range of tree grilles.

Mona Relief Vente is compatible with standard relief tubing and can be secured into the ground using the same installation process used for the Monna Relief and Monna Grande irrigation systems.

Benefits:

- Decorative aluminium finish
- Robust design
- Securely screws into place to prevent tampering
- Inter-connects with Green-tech's Dales Collection Tree Grilles

Model	Dimensions	Ring Diameter	1+	20+	50+
MRV3	3m x 60mm	900mm	£40.97	£35.72	£33.62
MRV5	5m x 60mm	1530mm	£43.34	£38.09	£35.98
MRV8	8m x 60mm	2500mm	£46.23	£40.97	£39.92
MRV8D	Double Inlet	2500mm	£81.88	£76.73	£72.61

For tree grilles and guards see pages 41 – 49



Mona Relief Piazza

A square irrigation unit manufactured from cast aluminium, specifically designed for installation in hard landscaped areas. Can be incorporated into the Max Pave tree grille for a contemporary effect.

Benefits:

- Robust and secure unit
- Contemporary design
- Co-ordinates with the Max-Pave tree grille

Model	Dimensions	Ring Diameter	1+	20+	50+
MRP3	3m x 60mm	900mm	£44.26	£38.98	£36.87
MRP5	5m x 60mm	1530mm	£46.63	£41.36	£39.25
MRP8	8m x 60mm	2500mm	£49.54	£44.26	£42.74
MRP8D	Double Inlet	2500mm	£85.05	£81.49	£76.52



Bespoke Inlets available.
Call us on 01423 332 100
for more information.

Estimated Tree Watering Requirement Chart

The Monna relief range is easy to install and delivers water directly to a tree's roots from sapling to fully grown tree.

	Feathered	Light Standard	Standard	Selected Standard	Heavy Standard		Extra Heavy		Semi Mature
Girth (cm)	6	6 – 8	5 – 10	10 – 12	12 – 14	14 – 16	16 – 18	18 – 20	20+
Height (m)	1.8 – 3.0	2.4 – 2.7	2.7 – 3.0	3.0 – 3.6	3.6 – 4.2	4.2 – 4.8	4.8 – 5.4	5.4 – 6.0	6.0+
Estimated daily transpiration rates (litres)	1	1	1.2	2	3	4	5	6	7+
Suggested first season summer watering requirements (litrs/month)	36	36	45	75	115	150	190	220	300+



Mona Plant System



An advanced and well proven subterranean irrigation system suitable for interior and exterior planting applications. The Mona Plant System is versatile, cost effective and environmentally friendly, the perfect solution for any landscaping project big or small.

The Mona Plant System ensures water and nutrients are delivered in the correct quantity to the roots of plants and trees. This results in healthy root development and optimum growth.

Benefits:

- A subterranean system
- Manufactured from recycled materials
- No mechanical, electrical or moving parts
- Simple to install
- Plant's roots absorb water from the Mona tanks as and when required
- Eliminates over-watering and water wastage
- Aerates soil
- Reduces watering frequency

Today the Mona Plant System is manufactured and distributed exclusively by Green-tech Ltd.



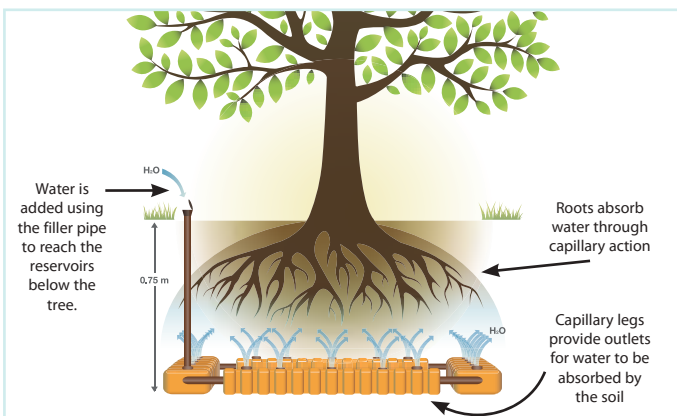
Mona Plant System installed at exclusive Leeds Hotel

The luxury Dakota Deluxe hotel opened in May 2017 and is the focal point of the £25m facelift of the Bond Court area of Leeds city centre, the interior and exterior of the hotel is finished to the highest possible standard, reflecting the image of the hotel and surrounding development.

Green-tech was commissioned by Grace Landscapes to supply essential lightweight growing medium and the Mona Irrigation System to support the containerised planting surrounding the hotel.

Over 70 Mona Tanks were incorporated into the planting scheme to assist with the early development of the shrubs and plants installed outside the hotel. The Mona system offers a subterranean irrigation solution that ensures essential water and nutrients are delivered in the correct quantity to the roots of the plants and shrubs. The tanks are installed at the base of a planter where they act as a reservoir, holding water and letting the plant feed naturally to its own cycle.

Richard Gill, Head of Sales at Green-tech Ltd commented, "The Mona system has been installed on many interior and exterior landscaping projects worldwide, it is a discreet yet effective system that doesn't require any mechanical or electrical input and is proven to work alongside the plant's own needs."



How it works?

1. Mona tanks are filled with water via a filler pipe above the ground
2. The Mona tanks act as reservoirs to hold the water
3. Roots absorb water through the process of capillary action as and when required
4. A healthy rootball is established

Mona Plant System Links



Link 3

Link 7

Link 24

Link 77

One of the most versatile of all the Mona Plant Systems, the links can be incorporated into a variety of projects and landscape designs. Each yellow tank is connected via a flexible pipe allowing for any configuration of link system to be incorporated into the design.

Benefits:

- Ideal for interior and exterior landscaping
- Flexible size hose connects the tanks for any configuration
- For use in curved and unusual shaped beds
- Gradients are handled with ease
- Perfect for staircases and roof gardens
- Ideal for shallow planting

Applications:

- Urban environments
- Slopes
- Staircases
- Large Planters
- Roof Gardens
- Flower Beds
- Roundabouts



Component	Dimensions (cm) L x W x H	Water Holding Volume (L)
Link 3	63 x 13 x 6.5	3.3
Link 7	55 x 15 x 10	7
Link 24	90 x 20 x 15	24
Link 77	68 x 15 x 10	8.5
Flexible Connecting Pipes	90cm (L)	N/A
O-Ring	6cm (Dia)	N/A
End Stop	6cm (Dia)	N/A
Filler Pipes	7.5cm – 16cm (H)	N/A

Installation

1. Measure the area to be irrigated by the Mona Plant System Links.
2. Dig down to a depth that allows 150mm of growing media to sit above each tank and below the plant's roots.
3. Lay out the tanks and connect end to end with the flexible pipes and 'O' rings.
4. Place an end stop on the final tank in the formation.
5. Upright filler pipes should be mounted at the start of the links or a maximum interval of every fifth connected link.
6. Back-fill with growing media and plants as per specification.
7. Fill with water until the float within the filler pipe rises to the fill level.



Step 3



Step 4



Step 5

For interior plant irrigation use Mona Plantsava – see page 23 for details

Mona Plant System Rings



Ring 24



Ring 77

Mona Plant System Rings have been developed specifically after requests from specifiers and contractors wishing to effectively and efficiently irrigate a tree rootball or a planter. It is the most efficient method of ensuring quick establishment and a healthy start for trees and plants.

Mona Plant System Rings have been installed in many projects across the UK and Europe. Particularly suitable for interior landscape projects with large planter installations. Ensures quick establishment of plants and healthy root development, provides a more robust solution to the watering of large trees reservoirs surround the rootball to provide a continuous source of water. The system forms a ring around the rootball to ensure optimal growth. Ideal for installation of rootball trees in hard landscaped areas.

Benefits:

- For use in hard landscaped areas with rootball trees
- Install in large decorative planters for consistent watering
- Ideal for deep planting
- Suits interior or exterior landscaping
- Particularly suitable for the establishment of large trees



Model	Internal Diameter	External Diameter	Water Volume (L)	Price
Ring 24	180cm	220cm	96	£98.32
Ring 77	165cm	190cm	28	£87.39

Installation

1. Measure the dimensions of the rootball or planter and select the correct size Mona Ring. For bespoke sizes please contact the Green-tech technical team.
2. Cover with growing media, ensuring there is a 150mm depth between roots/rootball and the Mona Plant System Ring.
3. Ensure the upright filler pipe stands proud of the nursery line/planter.
4. Back-fill with growing media and plants as per specification
5. Fill with water until the float within the filler pipe rises to the fill level.



Watch a Mona installation video on our website at www.green-tech.co.uk

Mona Plantsava

Simple and effective, the Mona Plantsava system is the most reliable and natural way to maintain effective irrigation of plants. By using the plants natural capillary action and allowing the plants to feed and water themselves; you gain bigger, stronger and longer lasting plants. Perfect for all types of planters, both indoor and outdoor, flower beds, window boxes and hanging baskets. An environmentally friendly product: 100% water efficient and made from recycled material in the UK. There are nine sizes of Plantsava available, each tank can be simply installed at the bottom of the planter where it will act as a reservoir and feed the plant as and when required. The plant will only take on the water it requires and in optimum conditions will require refilling once every six weeks.

Benefits:

- Interior and exterior landscaping
- Installed in patio, mezzanine and atrium displays across the UK
- Available in a variety of sizes to fit all containers and pots
- Can be planted at different depths to suit the plants roots
- Reservoirs range from 1L to 25L

Installation

1. The Plantsava system comprises of a reservoir tank, filler pipe, float and capillary leg.
2. Insert the capillary leg into the central hole of the reservoir tank.
3. Place the float inside the filler pipe.
4. Insert the filler pipe into the secondary hole within the reservoir tank.
5. Fill the capillary leg(s) with a small amount of growing media.
6. Insert the assembled Plantsava into the planter, ensuring the top of the filler pipe is level with the top of the planter.
7. Fill with growing media and plant your choice of plants ensure the depth between the plants roots and top of the reservoir is no more than 150mm.



Model	Filler Pipe Length (cm)	Dimens. (cm) L x W x H	Water Holding Vol. (L)	Suitable for Planter Size (L)	Price / unit	Full box qty	Price/ box
MPS Tank 1	21	15 x 6.5	1	2.5 – 8	£6.50	30	£157.50
MPS Tank 2	33.5	21 x 6.5	2	5 – 16	£7.50	20	£113.00
MPS Tank 4	46	24 x 10	4	15 – 40	£8.50	20	£142.00
MPS Tank 6	59	24 x 15	6	20 – 60	£10.40	15	£123.75
MPS Tank 10	59	39 x 10	10	30 – 100	£14.50	10	£137.50
MPS Tank 25	59	42 x 42 x 21	25	75 – 250	£34.00	1	£34.00
MPS Tank 3	33.5	63 x 13 x 6.5	3.3	8 – 30	£14.50	10	£119.00
MPS Tank 7	59	55 x 15 x 10	7	20 – 60	£18.50	8	£120.80
MPS Tank 24	59	90 x 20 x 15	24	50 – 250	£31.00	10	£250.00



MPS Tank 1



MPS Tank 4



MPS Tank 10



MPS Tank 3



MPS Tank 7



MPS Tank 24



gt RootBarrier® Products



gt 260 Permeable

Only available from Green-tech, gt 260 Permeable is impermeable to roots but permeable to water. Ideal for positioning around a tree's rootball where there is a possibility of flooding or slow water drainage. The permeable qualities of gt 260 Permeable means that water will drain freely through the root barrier without pooling around the rootball. Available in 25m rolls.

Depth x Linear Metre	Thickness	Linear Metre Price 1+	Linear Metre Price 200+	Linear Metre Price 1000+
2.25m	0.65mm	£4.15	£4.00	£3.80

gt RootBarrier® 325

gt RootBarrier® is manufactured using a unique coating to make it totally impermeable and is only available in the UK from Green-tech. Tree management means that the natural requirements of the tree are combined with the need to protect structures from the root system. We recommend that care is taken in laying the product and, if in doubt consult a qualified arborist. gt RootBarrier® effectively controls the roots whilst protecting the tree roots from pollutants and acids in the soil. This helps the tree to establish more quickly and keep it healthy, especially in the first five years of life. Available in 50m rolls.

Features:

- Use to protect:
 - Buildings
 - Pipes and drains
 - Walls and fences
 - Paths and patios

Depth x Linear Metre	Thickness	Linear Metre Price 1+	Linear Metre Price 200+	Linear Metre Price 1000+
0.65m	0.72mm	£3.88	£3.66	£3.46
1m	0.72mm	£5.60	£5.35	£5.10
1.3m	0.72mm	£7.35	£7.00	£6.50
2m	0.72mm	£11.20	£10.70	£10.20

*gt RootBarrier® sold in 50m rolls, for lengths less than 50m please contact your technical sales advisor. Installation guide available.

gt RootBarrier® 360

This gt RootBarrier® is similar to gt RootBarrier® 325 except that it is coated on both sides. This makes gt RootBarrier® 360 even sturdier as well as being a barrier from either side. Consider how handy gt RootBarrier® 360 would be to keep the roots of two trees or shrubs from growing together. This would make it simpler to remove one or both plants from the soil at a later stage. Available in 50m rolls.

Depth x Linear Metre	Thickness	Linear Metre Price 1+	Linear Metre Price 200+	Linear Metre Price 1000+
0.65m	0.71mm	£4.25	£3.96	£3.82
1m	0.71mm	£6.10	£5.88	£5.56
2m	0.71mm	£12.20	£11.75	£11.10



gt RootBarrier® Products



gt RootBarrier® Bamboo 420

gt RootBarrier® 420 UV is made from a stronger and heavier geotextile than gt RootBarrier® 325, it's sturdier but still flexible. Just like gt RootBarrier® 325, it is waterproof, resistant to bacteria and most chemicals and it's completely recyclable. In addition, this gt RootBarrier® product is more UV resistant so it can be left partially above the soil surface; this makes it easy to prune away the undesired runners that some plants produce. gt RootBarrier® 420 UV is the only gt RootBarrier® that also includes a 25 year warranty for preventing aggressive roots such as bamboo and reeds from growing through it! Available in 50m rolls.

Suitable areas and uses:

- Gardens, parks and playgrounds
- Lines and sewers
- Foundations, pipes and cables
- Roads, highway, pavement

Depth x Linear Metre	Linear Metre Price 1+	Linear Metre Price 200+	Linear Metre Price 1000+
0.7m	£4.60	£4.40	£4.30
1.0m	£6.00	£5.80	£5.60
1.4m	£9.20	£8.80	£8.60

gt RootBarrier® Joining Tape

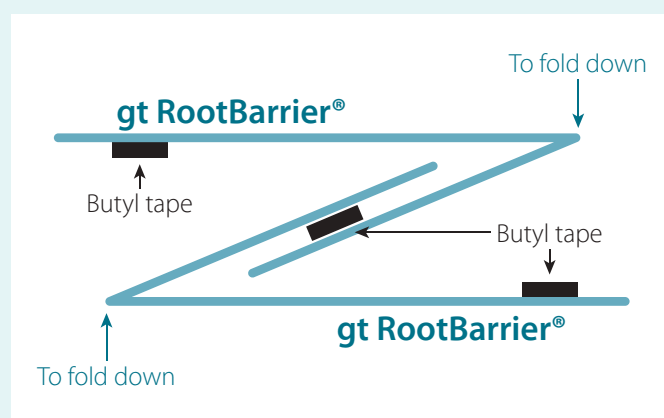
gt RootBarrier® Butyl tape is a double-sided adhesive tape made from a woven polyethylene, with a coating of unvulcanised rubber on both sides. Butyl tape is used to join sections of gt RootBarrier® root protection screen. A three-point application of Butyl tape guarantees optimum root impermeability.



Installation Guide for RootBarriers®:

1. Dig a trench or tree hole
2. Roll out gt RootBarrier® beside the trench or the tree hole and cut to the right length.
3. For trench planting over 50m in length, use a 1m overlap and butyl joining tape to secure 2 sheets of gt RootBarrier®.
4. For planting around tree, shrubs or plants utilise a 50cm overlap and butyl joining tape to secure 2 sheets of gt RootBarrier®.
5. Place gt RootBarrier® with its smooth, coated side towards the roots of the tree.
6. Check overlaps, joins and position of gt RootBarrier®
7. Fill in the trench or tree hole.

gt RootBarrier® joining guide



Green-tree Amenity Tree Soil, a load-bearing planting medium for your urban tree planting project, see page 73

For tree grilles and guards see pages 41 – 49

Terram Rootguard

Terram Rootguard and Rootguard Plus are used to protect buildings, walls, paths, drainage pipes cables and lawns from potential damage caused by root development.

Structures with shallow foundations can be undermined by tree roots growing close to the surface. Both are chemically inert to natural soil conditions and resistant to biodegradation.

Terram Rootguard – permeable solution

Manufactured from polypropylene/polypropylene fibres, Terram Rootguard provides excellent resistance to root development while still allowing water to permeate making it an ideal solution for areas surrounding land drains.

High tensile strength and puncture resistance give Terram Rootguard the capability to withstand the differential forces that can develop in clay soils.

Product	Price
Terram Rootguard	£100.00/roll

Terram Rootguard Plus – impermeable solution

Terram Rootguard Plus is a composite of Terram Rootguard and an HDPE membrane which gives the strength to withstand penetration from even the most vigorous of tree roots. Idea for areas where there is no requirement for water to pass through the barrier.

Product	Price
Terram Rootguard Plus	£135.00/roll



Terram Rootguard Plus



				Terram Rootguard	Terram Rootguard Plus
Composition				Non-woven geotextile	Non-woven geotextile extrusion coated with high density polyethylene
Mechanical properties (mean values)					
Tensile strength	EN ISO 10319	kN/m		18.0	14.0
Elongation	EN ISO 10319	%		30	25
CBR puncture resistance	EN ISO 12236	N		3250	2550
Physical properties (typical values)					
Mass per unit area	EN ISO 9864	g/m ²		260	275
Roll dimensions					
Roll width		m		2.25	2.00
Roll length		m		25	25

Landscape solutions for architects and garden designers

gtSpecifier is the leading solutions provider for the landscape industry. Providing technical information and experience in the following areas:

- Green Roof Installations
- Wildflowers
- Urban Tree Planting
- Soils and Growing Media
- Tree and Plant Irrigation
- Ground Stabilisation

Log on to gtspecifier.co.uk for:

- CAD Drawings
- British Standards
- Technical Information
- On-site Installation Assistance
- CPD Seminar Programme



**For more information call 01423 332 114
or email info@gtspecifier.co.uk
www.gtspecifier.co.uk**

Take gtspecifier.co.uk on site with you

- Live Chat with tree planting experts
- Download technical specifications
- Watch installation videos



gt Ribbed Root Panels

Root director panels for urban tree planting

The gt Ribbed Root Panel system is designed for installation vertically underground, guiding root growth downwards.

Due to the flexibility of the system, the gt Ribbed Root Panels can be folded up to a 90 degree angle allowing for a number of configurations to be created for different tree planting scenarios. The system allows the growing media and tree to first be planted and the rootpanels installed to suit the depth of the planting, volume of growing media and size of the rootball.

Properties:

- 90° ribs at 18cm intervals guide the roots downwards
- Flexible enough to install linearly, as a square or around a tree
- All panels have a folded top-edge of 1.5cm
- All gt Ribbed Root Panels have built-in anchorage
- Stiff enough to withstand the force of root growth
- Simple system to join together, using screws or adhesive tape

Material:

- 100% HDPE
- 100% Recyclable
- UV Resistant
- Resistant against chemicals
- Withstands root growth, dirt and bacteria

Kit	Total length	Panel height	Total opening	Adhesive included	Price
2.2m gt Ribbed Root Panel Linear Kit	220cm (1 panel)	57cm	700mm	N	£45.50
1.4m gt Ribbed Root Panel Circular Kit	440cm (2 panels)	57cm	1400mm	Y	£78.00
1.1m gt Ribbed Root Panel Square Kit	440cm (2 panels)	57cm	1100mm	Y	£78.00
Additional Panels	220cm	57cm	N/A	N	£45.50

Download technical data sheets and installation instructions at www.green-tech.co.uk or contact your technical sales advisor on 01423 332 100

For product information and advice call 01423 332 100



Linear



Circular



Square

Tree Root Protection



GEOWEB Tree Root Protection System

Critical Root Zone/ Tree Protection Zone is the minimum area beneath a tree that must remain undisturbed to preserve a sufficient amount of root mass in order to give a tree a chance of survival. Used extensively in civil engineering construction for over 30 years, the GEOWEB system is a three dimensional structure that:

- Provides strength to confined soils
- Distributes loads laterally, not vertically
- Reduces point loads
- Reduces compaction of the subsoil
- Protects tree roots

The GEOWEB Tree Root Protection System is an economical solution for reducing construction vehicle impact to the tree root zone.

Available in the following depths:

50mm, 75mm, 100mm, 150mm, 200mm and 300mm

Cell Type	Panel Size/ Depth	75mm	100mm	150mm	200mm
Small – GW20V	2.6m x 6.54m	GW20V3	GW20V4	GW20V6	GW20V8
Mid – GW30V	2.6m x 8.3m	GW30V3	GW30V4	GW30V6	GW30V8
Large – GW40V	2.6m x 13.46m	GW40V3	GW40V4	GW40V6	GW40V8

Terram Geocell Tree Root Protection

Terram geocell protects tree root systems close to the surface by ensuring the roots beneath are protected from vehicle loads by confining the sub-base and stabilising the ground.

Infill is confined and ensures that downward forces are spread laterally, reducing pressure on the sub-base and avoiding compaction which can potentially damage tree roots.

Typical applications:

- Permanent woodland trails
- Paths and cycleways
- Driveways
- Roads
- Access routes
- Parking areas

Type	Panel size (mm)	Cell diameter x Depth	Panel weight	Typical loading
Geocell 25/10	5 x 7	250 Ø x 100	17kg	Pedestrian cycle*
Geocell 25/15	5 x 7	250 Ø x 150	25kg	Light vehicles*
Geocell 22/20	6 x 3	220 Ø x 200	20kg	Optimum for heavier vehicles or more frequent traffic*

*These are typical profiles only.

NEW



ArborRaft Tree Planting System



The ArborRaft System combines nutrient rich ArborRaft Soil with exceptionally strong geocellular units. Together they create a healthy growing space for trees in areas subject to vehicle loadings and trafficking.

Individual ArborRaft units are locked together to form a raft system that sits within the tree pit, providing load bearing support and reducing soil compaction.

The ArborRaft System works by spreading the load of any vehicle movements around the tree's rooting area. This eliminates soil compaction of the growing media within the pit and maintains the ideal growing environment for the trees to establish and mature.

The ArborRaft System accommodates vehicle loadings from cars through to heavy goods vehicles. The open structure of the individual units acts as an air gap diverting root growth away from the pavement towards nutrient-rich soil. It is a tried and tested system that has successfully been installed into projects across the UK and Europe.



How it works:

Open structure

The open structure of the ArborRaft Soil is retained, allowing roots to grow naturally and essential oxygen, nutrients and water to flow freely through the growing media. The nature of the system assists drainage and the free-flow of water through the tree pit. The system is flexible and can be designed to fit any tree pit size encouraging larger tree pits with less plastic.

Structural strength

The structural strength of the ArborRaft System absorbs the impact of loads placed upon it to protect the growing media and tree roots below.

Prevents compaction

The system prevents soil compaction, damage to the root structure and does not restrict the natural growth path of tree's roots. The assists the tree in creating its own root anchoring system that reflects the growth and spread of its canopy.

Protects the pavement

The system creates an air gap and a barrier that prevents root growth upwards and protects the hard surface from root damage. The structure of the ArborRaft system has been developed to encourage lateral root growth – the most natural root formation for urban trees. Rather than direct root growth downwards towards anaerobic soil, the ArborRaft system retains a root growth that reflects the tree's canopy growth.

View ArborRaft Tree Planting System online at www.gtspecifier.co.uk

ArborRaft Tree Planting System



1. Excavate tree pit to include 500mm supporting shelf at the top of the tree pit.



2. Backfill lower pit with approved subsoil, position tree or leave vacant for planting season.



3. Compact subsoil to architects specification



4. Add ArborRaft soil to top approx. 400mm of tree pit.



5. Install irrigation system.



6. Cover with ArborRaft TRC30 Membrane.



7. ArborRaft units simply lock together with connectors.



8. Backfill with ArborRaft Soil



9. Cover with Arbortex 300 Membrane and finish to hard landscaping specification.



10. Finish surface as per specification.

Standard installation levels:

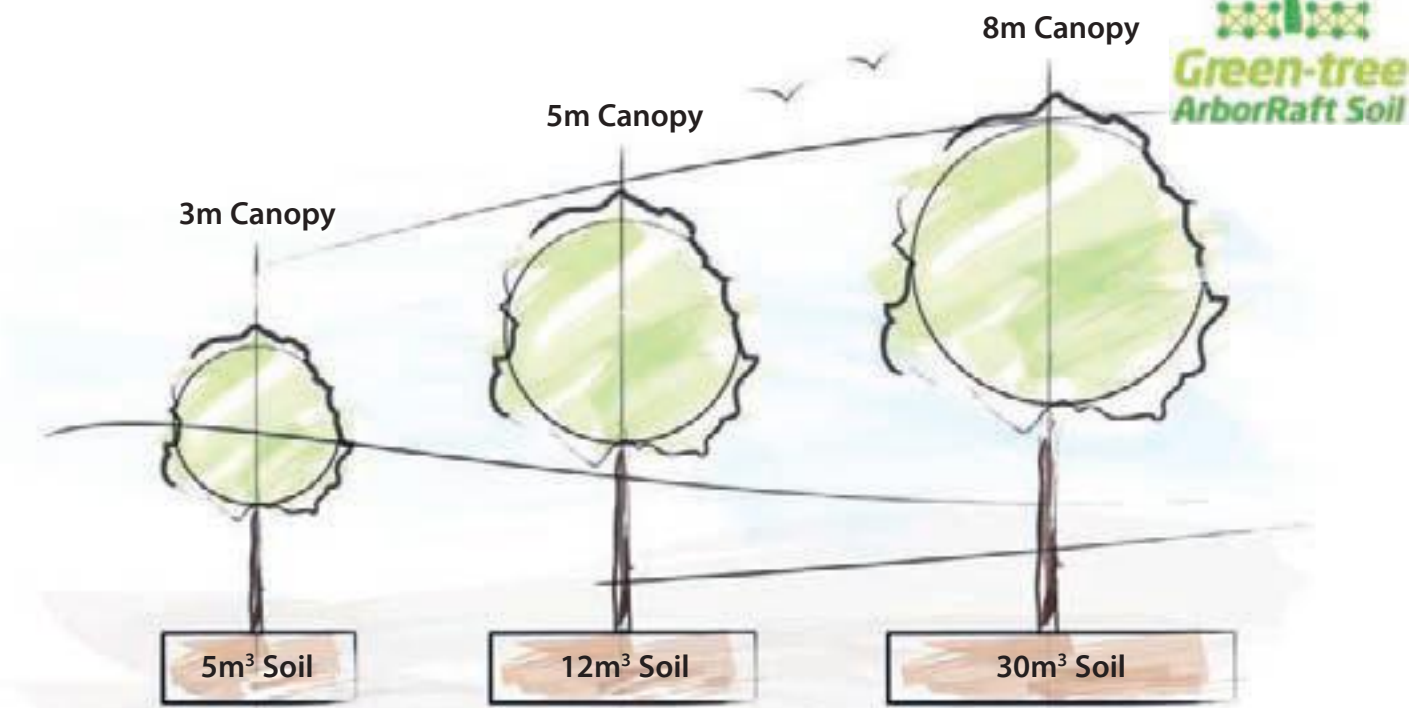
Assuming an 80mm thick paving block is used, the complete installation height of the ArborRaft System from pavement surface level to the underside of the ArborRaft layer will be:

Paving layer	80mm
Paving bedding layer	50mm
ArborRaft layer	150mm
Sand bedding layer	25mm
Total	305mm

Above represents a typical car park installation where the system is subject to car trafficking.

View ArborRaft ArborRaft installation video online at www.gtspecifier.co.uk

ArborRaft Soil



Rooting areas in relation to canopy cover. Diagram for illustrative purposes only. Exact soil volume required is dependent of tree species and planting environment.

The tried and tested ArborRaft Soil has been specially developed for the UK market to work as a rootzone with the ArborRaft System. This ensures the structure of the growing media remains open and the correct level of water, air and nutrients are transported through the soil to the tree's roots.

The design of the system working in partnership with the ArborRaft soil prevents compaction within the tree pit, protecting and enhancing the tree's root growth. Extensive testing has been completed for the ArborRaft Soil, ensuring that the optimum moisture, aeration and nutrient content is achieved, whilst maintaining a stable soil layer.

The growing media is stable, prevents compaction and provides an open structure to allow the free-flow of water oxygen and nutrients.

The importance of soil quality and quantity within tree pits has been further

highlighted in the TDAG – Trees in the Townscape Report of 2012 and the more recent TDAG Trees in Hard Landscapes report, September 2014 stating that:

'In dense urban areas, the amount of soil installed will, to a large extent, determine the size the tree will reach over its lifespan.'

TDAG, Trees in the Townscape Report

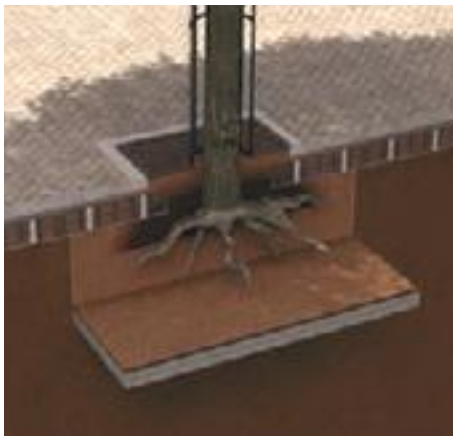
'Together with soil aeration, providing adequate rooting volume is the other fundamental precondition to secure a healthy cohabitation between trees and urban infrastructure.'

TDAG, Trees in Hard Landscapes

Large rooting areas are of paramount importance to the development of the tree where nutrient rich soil can enhance.

ArborRaft Soil Physical Properties

Moisture Content %	26
Bulk Density Mg/m³	1.81
Dry Density Mg/m³	1.44
Nutrient %	12
Permeability m/s	2.06 x 10 -0.5
Permeability mm/hour	74



Natural, lateral root growth with the ArborRaft System.

ArborRaft Tree Planting System



Green-tech supplies landscaping materials for new-look Stevenage Town Centre

Stevenage Town Centre has committed to a 15 year regeneration plan for the town and Green-tech is proud to have been involved with one of the first stages – regeneration of the town centre.

The project, commissioned and managed by Stevenage Borough Council, began in February 2017 and was completed in September 2017. The decision makers at Stevenage turned to Green-tech for a cost-effective, robust solution for the planting of 11 semi-mature trees as part of a landscape design for the proposed refurbished town centre area.

Green-tech supplied the revolutionary ArborRaft tree planting system to provide an optimum start for each tree. The ArborRaft System works by absorbing the impact of vehicle and pedestrian load to prevent soil compaction, thus protecting the tree roots and growing media and allowing the tree's roots to grow within their natural path. The ArborRaft system provided the structural support needed for the trees to flourish and the design vision of the urban planting scheme to be realised. The system is simple to install, offers total flexibility and is suitable for any tree pit size.

80 tonnes of Green-tree Subsoil and 40 tonnes of Green-tree ArborRaft soil were used in this project. Conforming to BS3882:2015 Green-tree Subsoil was used to build up levels before the trees were planted and the Green-tree ArborRaft soil was installed. The ArborRaft Soil works with the system to prevent compaction within the tree pit and ensures essential

moisture, air and nutrients reach the tree's roots. Working together, the system and the soil provide a healthy growing space for trees in urban areas, encouraging the tree to create its own root anchoring system that will reflect the growth and spread of its canopy.

Green-tech also supplied the Tree Anchoring systems necessary to stabilise and secure the 11 semi-mature trees. In addition Mona Plant System rings, the irrigation system used in many high profile project across the UK and Europe, was supplied. gt Rootbarrier® 325, which controls and protects both the tree roots and structures was ordered and supplied, along with Resi-Grille to complete the project, providing a nice contemporary finish whilst offering a robust and clean surface.

Russell Sparrow, Civil Engineer at Stevenage Town Council said, "I have been delighted with how smoothly this project has gone. Green-tech has been a great help and delivered everything as specified on the dates requested. Representatives from Green-tech provided advice and provided us with on-site installation training of the ArborRaft system. We are thrilled with the results and the regenerated town centre has been very well received."

Green-tech Anchor Tree Kits

Green-tech's range of tree anchoring kits have been developed utilising the extensive civil engineering, ground reinforcement and utility knowledge of the Anchor Systems Team in partnership with Green-tech's own landscape knowledge and feedback from contractors.

The range encompasses kits that are suitable for trees up to 12m, all manufactured in the UK from high quality SG iron. At Green-tech we have an extensive stock holding facility where the anchoring kits will be available for call-off as and when required.

We can offer the following:

- Friendly and helpful sales team
- CPD Seminars
- On-site Installation Assistance
- CAD Assistance
- Project Value Engineering



Log on to www.green-tech.co.uk for Technical Data Sheets, Anchoring Videos and CAD

gtDrop-Man Anchoring Kit

Wire Kit Components

- gtDrop-Man anchors
- High tensile wire
- Rubber rootball protector
- Galvanised ratchet



Strapping Kit Components

- gtDrop-Man anchors
- Webbed strapping
- Ratchet tensioner



NEW

Wire Kits

Anchor Kit Ref.	Kit Components	Suitable for Trees	Price
GTDM5W	3 x Drop-Man Anchors, 4m of Galvanised Wire, 1 x Galvanised Ratchet Tensioner, Rubber Rootball Protector	2.5 – 4.5m height, 12cm – 25cm circumference	£41.00
GTDM510W	6 x Drop-Man Anchors, 5m of Galvanised Wire, 1 x Galvanised Ratchet Tensioner, Rubber Rootball Protector	4.5m – 7.5m height, 25cm – 45cm circumference	£70.00

Strapping Kit

Anchor Kit Ref.	Kit Components	Suitable for Trees	Price
GTDM5S	3 x Drop-Man Anchors, 4m of Webbing c/w Ratchet Tensioner	2.5 – 4.5m height, 12cm – 25cm circumference	£40.00
GTDM510S	6 x Drop-Man Anchors, 5m of Webbing c/w Ratchet Tensioner	4.5m – 7.5m height, 25cm – 45cm circumference	£63.00

For installation tools please see page 39

Anchoring Systems

gtRootball Wire Fixing Kit



The gtRootball Fixing Kit is the ideal solution for underground securing of newly planted rootballed and containerised trees. The kit has been assembled to provide the best possible start for the new planting, delivering security, safety and peace of mind for the installer. The kits are available in 5 sizes to suit tree sizes from light standard to semi mature. They are simple to install offering precise positioning for the anchor points, with high strength tensile wires that incorporate rootball protectors spreading the load and preventing damage to the tree's rooting structure.

Kit Components

- High tensile wire
- SG galvanised anchors
- Rubber rootball protector
- Galvanised ratchet



Anchor Kit Ref.	Kit Components	Suitable for Trees	Price
GTRBK1W	3x Aluminium Anchors, 2m of Galvanised wire, x Galvanised Ratchet Tensioner, Rubber Rootball Protector	Up to 2.5m Height, Up to 12cm Circumference	£17.85
GTRBK5W	3 x SG Galvanised Anchors, 4m of Galvanised wire, x Galvanised Ratchet Tensioner, Rubber Rootball Protector	2.5m – 4.5m Height, 12cm – 25cm Circumference	£30.55
GTRBK10W	3 x SG Galvanised Anchors, 5m of Galvanised wire, 1 x Galvanised Ratchet Tensioner, Rubber Rootball Protector	4.5m – 7.5m Height, 25cm – 45cm Circumference	£52.00
GTRBK20W	3 x SG Galvanised Anchors, 8m of Galvanised Wire, 1 x Galvanised Ratchet Tensioner, Rubber Rootball Protector	7.5m – 12m Height, 45cm – 75cm Circumference	£110.10
GTRBK90W	3 x SG Galvanised Anchors, 12m of Galvanised Wire, 1 x Galvanised Ratchet Tensioner, Rubber Rootball Protector	12m+ Height, 75cm+ Circumference	£155.35

For installation tools please see page 39



Anchoring Systems

gtRootball Strap Fixing Kit



The gtRootball strap fixing kit incorporates webbed strapping to provide the necessary positioning and anchoring for newly planted rootballed and containerised trees. A more superior alternative to traditional staking and belting, the strap kit will prevent leaning trees offering peace of mind for the installer. Simple to install, the webbed strapping includes a ratchet tensioner that provides the ideal level of fastening whilst also preventing damage to the tree's root structure.

Kit Components

- Webbed strapping
- Steel galvanised anchors
- Ratchet tensioner



Anchor Kit Ref.	Kit Components	Suitable for Trees	Price
GTRBK1S	3x Aluminium Anchors, 2m of Webbing c/w Ratchet Tensioner	Up to 2.5m Height, Up to 12cm Circumference	£16.75
GTRBK5S	3 x SG Galvanised Anchors, 4m of Webbing c/w Ratchet Tensioner	2.5m – 4.5m Height, 12cm – 25cm Circumference	£23.90
GTRBK10S	3 x SG Galvanised Anchors, 5m of Webbing c/w Ratchet Tensioner	4.5m – 7.5m Height, 25cm – 45cm Circumference	£40.80
GTRBK20S	3 x SG Galvanised Anchors, 8m of Webbing c/w Ratchet Tensioner	7.5m – 12m Height, 45cm – 75cm Circumference	£77.00
GTRBK90S	3 x SG Galvanised Anchors, 12m of Webbing c/w Ratchet Tensioner	12m+ Height, 75cm+ Circumference	£144.90

For installation tools please see page 39

Anchoring Systems

gtSleeper & Kerbstone Anchoring Kit

Where trees are being installed in urban environments, care must be taken to avoid utilities and services. The gtSleeper & Kerbstone Anchoring Kit utilises heavy objects such as sleepers and kerbstones to weigh down the tree and act as anchor points. Well compacted subsoil is then placed over the sleepers and kerbstones to provide added weight and security for the tree. This tried and tested system has been incorporated into many rail, utilities and urban projects across the UK it is also available with tree protectors and traditional high tensile wires or webbed strapping dependent on preference and budget.



NEW

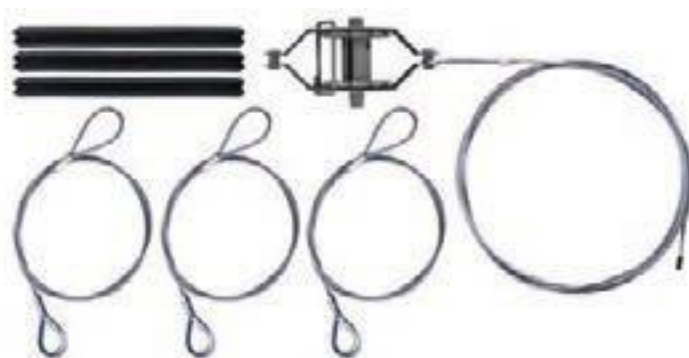
Wire Kit Components

- High tensile wire
- Rubber rootball protector
- Galvanised ratchet



Strapping Kit Components

- Woven strapping
- High tensile wire
- Ratchet tensioner



Wire Kits

Anchor Kit Ref.	Kit Components	Suitable for Trees	Price
GTDKM5W	3 x Wire Slings, 2m of Galvanised wire, 1 x Galvanised Ratchet Tensioner, Rubber Rootball Protector	2.5m – 4.5m Height, 12cm – 25cm Circumference	£27.40
GTDKM10W	3 x Wire Slings, 4m of Galvanised wire, 1 x Galvanised Ratchet Tensioner, Rubber Rootball Protector	4.5m – 7.5m Height, 25cm – 45cm Circumference	£47.15
GTDKM20W	3 x Wire Slings, 5m of Galvanised wire, 1 x Galvanised Ratchet Tensioner, Rubber Rootball Protector	7.5m – 12m Height, 45cm – 75cm Circumference	£103.20

Strapping Kits

Anchor Kit Ref.	Kit Components	Suitable for Trees	Price
GTDKM5S	3 x Wire Slings, 2m of Webbing c/w Ratchet Tensioner	2.5m – 4.5m Height, 12cm – 25cm Circumference	£27.50
GTDKM10S	3 x Wire Slings, 5m of Webbing c/w Ratchet Tensioner	4.5m – 7.5m Height, 25cm – 45cm Circumference	£40.15
GTDKM20S	3 x Wire Slings, 8m of Webbing c/w Ratchet Tensioner	7.5m – 12m Height, 45cm – 75cm Circumference	£72.45

For installation tools please see page 39

Anchoring Systems

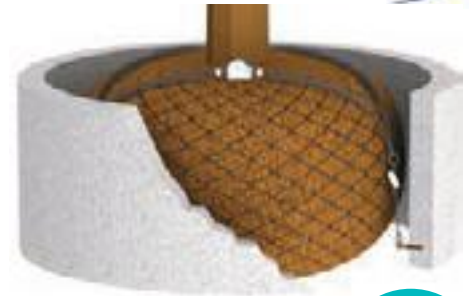
gtContainerised Rootball Fixing Kit

The gtContainerised Rootball Fixing Kit is the preferred method of securing saplings and rootball trees in planters and containers. Ideal for roof garden planting projects, the kit provides the flexibility and security of being able to plant trees above ground. The kit replaces traditional anchors with 3 eye-bolts that can be secured into the solid base of a container, planter or even roof top*, this offers a discreet securing system that will not impact on the overall design.

Kit Components

- High tensile wire
- Galvanised ratchet
- Eyebolts
- Fastlink wire joiners
- Rubber rootball protector
- Steel thimbles

* Subject to water proofing



Anchor Kit Ref.	Kit Components	Suitable for Trees	Price
GTCRBK5W	3 x Expanding Eye Bolts connected to Wire Slings, 2m of Galv Wire, 1 x Ratchet Tensioner, Rubber Rootball Protector	2.5m – 4.5m Height, 12cm – 25cm Circumference	£32.80
GTCRBK10W	3 x Expanding Eye Bolts connected to Wire Slings, 5m of Galv Wire, 1 x Ratchet Tensioner, Rubber Rootball Protector	4.5m – 7.5m Height, 25cm – 45cm Circumference	£54.35

gtGuying Kit

Developed for use with newly planted and established trees in exposed areas. The guying kit acts as an anchor and support to prevent the tree from leaning or becoming displaced.

The simplicity of the guying kits reduces overall installation time plus creates anchor points that enable better establishment. The guying kit can be used in a variety of ground conditions to suit your project requirements.



Anchor Kit Ref.	Kit Components	Suitable for Trees	Price
GTOHG5	3 x Galvanised Anchors attached to Ratchet Tensioners, 3 x Wire Clips, Collars and Wire Assemblies (6m), 3 x Ratchet Shrouds	2.5m – 4.5m Height, 12cm – 25cm Circumference	£47.90
GTOHG10	3 x Galvanised Anchors attached to Ratchet Tensioners, 3 x Wire Clips, Collars and Wire Assemblies (8m), 3 x Ratchet Shrouds	4.5m – 7.5m Height, 25cm – 45cm Circumference	£89.80
GTOHG20	3 x Galvanised Anchors attached to Ratchet Tensioners, 3 x Wire Clips, Collars and Wire Assemblies (12m), 3 x Ratchet Shrouds	7.5m – 12m Height, 45cm – 75cm Circumference	£164.75
GTOHG90	3 x Galvanised Anchors attached to Ratchet Tensioners, 3 x Wire Clips, Collars and Wire Assemblies (12m), 3 x Ratchet Shrouds	12m+ Height, 75cm+ Circumference	£200.90

For installation tools please see opposite page

Anchoring Systems Tools



Installation Tools Required

	Anchoring Kit	GTRT0	GTRT1	GTRT2	GTHDR01	GTHDR05 or GTPDR5	GTHDR10 or GTPDR10	GTPDR20	GTR32P-R32SH	GTHRR	GTAH1	GTALJ1	GTALJ2
gtDrop-Man Anchoring Kit	GTDMSW		●										
	GTDMM10W		●										
	GTDMS5												
	GTDMM10S												
gtRootball Wire Fixing Kit	GTRBK1W	●			●						●		
	GTRBK5W		●			●				●	●		
	GTRBK10W		●				●			●	●	●	●
	GTRBK20W			●				●		●		●	●
	GTRBK90W			●				●	●	●			●
gtRootball Strap Fixing System	GTRBK1S				●						●		
	GTRBK5S					●				●	●		
	GTRBK10S						●			●	●	●	●
	GTRBK20S							●		●		●	●
	GTRBK90S							●	●	●			●
gtSleeper & Kerbstone Anchoring Kit	GTDMMK5W		●										
	GTDMMK10W		●										
	GTDMMK20W			●									
	GTDMMK5S												
	GTDMMK10S												
	GTDMMK20S												
gtCont. Rootball Fixing Kit	GTCRBK5W		●										
	GTCRBK10W		●										
gtGuying Kit	GTOHG5		●			●				●	●		
	GTOHG10		●				●			●	●	●	●
	GTOHG20			●				●		●		●	●
	GTOHG90			●				●	●	●			●

Installation Tools

Code	Description	Price
GTRT0	Ratchet tensioner 0	£18.10
GTRT1	Ratchet tensioner 1	£25.00
GTRT2	Ratchet tensioner 2	£42.00
GTHDR1	Hand drive rod	£11.50
GTHDR5	Hand drive rod	£40.00
GTHDR10	Hand drive rod	£69.50
GTPDR5	Power drive rod	£90.00
GTPDR10	Power drive rod	£100.00
GTPDR20	Power drive rod	£120.00
GTR32P-R32SH	Power drive rod set	£350.00
GTHRR	Hand rod removers	£39.00
GTAH1	Anchor loading hook 1	£20.00
GTALJ1	Anchor loading jack 1	£640.00
GTALJ2	Anchor loading jack 2	£3950.00

Supplementary Installation Tools

Code	Description	Price
GTMaul	Maul Hammer 12lb	POA
GTPR2.5	Post Rammer 2.5inch	POA
GTPPD	Petrol Post Driver	POA
GTAIO32	All in One R32 Breaker	POA



gt Resibond



gt Resibond is an easy to install porous resin bonded surface layer of aggregate, suitable for the surrounds of trees within hard-landscaped areas. gt Resibond can be used in areas where conventional means of mulching with loose materials, may not be practical due to the constant displacement of the material increasing maintenance time and costs. Regarded in the industry as a ‘resi-bound’ system, gt Resibond relies on the aggregate and the resin being agitated together in a mixer, and then spread over the prepared base with hand floats and trowels.

Benefits:

- Once laid and allowed to cure, it is virtually maintenance free
- Categorised as a hard surface, it has the attributes of being durable and hard wearing; able to withstand pedestrian trafficking, wheel chairs and prams
- Is porous allowing the free flow of air and moisture in the soil thus maintaining a healthy environment for the tree to develop

Price/m ² (45mm depth)			Kit includes:
1+	10+	20+	
£125.00	£115.00	£99.00	
			Curer, gravel (75kg), hardener, gloves and paddle

gt Resibond Contractor Pack

Price/13m ² (45mm depth)	Kit includes:
1+	
£1,175.00	
	25L drum of curer and hardener, 39 bags of gravel (975kg)



gt Silver (6 – 10mm)



gt White (8 – 11mm)



gt Corn Flint (6 – 10mm)



gt Brittany Bronze (6 – 10mm)



gt Red (6 – 10mm)

gt Resibond is available in a variety of colours. Prices quoted for Brittany Bronze. Please call for other colours. Other resin systems are available, contact the office.



gt Resi-Grille

The gt Resi-Grille and guard have been developed after receiving requests from contractors across the UK, requiring a tree grille that offers the aesthetic and porous properties of resibond. The cast iron grille has a recess of 50mm that allows the grille to be filled with gt Resibond to make a porous surface. When filled, the gt Resi-Grille supports the load of street traffic protecting the rootball of the tree. Not only does the new gt Resi-Grille look contemporary; it is robust and hard-wearing and it is able to withstand trafficking from pedestrians. The gt Resi-Grille also offer a clean surface – no rubbish, cigarette ends or leaves will become trapped within the gt Resi-Grille. POA

Material	Standard Finish	Grille Size	Guard Size
Mild Steel	Hot Dip Galvanised to BS EN ISO 1461:1999	1m x 1m	1.8m x 400mm
		1.2m x 1.2m	
		1.5m x 1.5m	
		1.8m x 1.8m	
		2.2m x 2.2m	



Pre-cast versions of gt Resi-Grille also available



gtResigrilles installed into World War Two Memorial

gtResi-grilles have been incorporated into an urban tree planting scheme that forms part of a war memorial in Lancashire. The memorial honours the servicemen of World War II who passed through the Royal Naval Air Station (RNAS) Burscough, known as HMS Ringtail.

When filled, the gtResigrille supports the load of street traffic and protects the rootball of the tree. The clean surface does not allow rubbish or leaves to become trapped within it keeping the area looking maintained and tidy.

Recently a new retail park has been built on land that was formerly HMS Ringtail. A new Booths Supermarket has been built on the Park, designed to resemble a WW2 aircraft hangar. In addition to this, the existing Ringtail memorial has been moved into the new development, along with a life size bronze sculpture of a WW2 Navy Air Man.

Hulton Landscapes secured the contract to construct the memorial garden and ensure the existing monument was removed and placed at its new location.

Tree anchoring systems, gtRootbarrier, Mona Irrigation system and tree guards were also installed into the project, providing the trees in the hard landscape the best start in life and long-lasting protection.

Barry Browne, Project Development Manager, gtSpecifier commented, "gtResigrilles offer a practical and aesthetically pleasing option for urban tree projects. The simple installation process means valuable time can be saved on site and the clean surface allows for minimal maintenance."

gt Fortress Grille



The gt Fortress Tree Grille is a stylish and practical tree grille with the urban setting in mind. The design allows paving to be continued almost up to the tree trunk, protecting the tree's root system from urban traffic and soil compaction but also allowing rainwater through to maximise irrigation and urban drainage.

To ensure the maintenance of the tree, a Mona Irrigation Unit can be fitted seamlessly into the grille and paving scheme. As a standard item, the gt Fortress Tree Grille is ideal for use with block paving, but dimensions of the inner trays can be altered to suit other paving styles. As with all gt tree grilles, the inner trays or grille sections are fastened with security fixings and are fully removable allowing the tree to be removed and replaced if required.

Grille Size	Aperture
1m x 1m	400mm
1.2m x 1.2m	400mm



Product specification

Finish: Standard Hot Dip Galvanised. Can also be powder coated in any RAL or BS colour.

Optional Finish: Can be manufactured in stainless steel with any grade of finish.

Size: Can be manufactured in any size to suit the paving scheme/pattern.

Tree Guard: Normally not required with this design, but a guard can be manufactured as a bespoke product match the design scheme.

Fixing and installation

- The two halves of the outer frame are bolted together and fixed directly to a level concrete pad foundation around the tree pit. To avoid trip-hazard set pad foundation so that grille is flush with finished paving level (ragged legs can be added if required).
- The inner trays can then be installed and fastened into place using the fixing fillets, through-fixed to a captive nut in the outer frame braces.
- These fillets can then be used as lifting brackets if the inner tray needs removing at a later date.
- Outer frame can be supplied toe in or toe out depending on site needs, although toe out is a better structural unit.

Double tray option available – please speak to your Technical Sales advisor for further information and technical drawings.

For prices please call 01423 332 100

Fortress Ring Guard

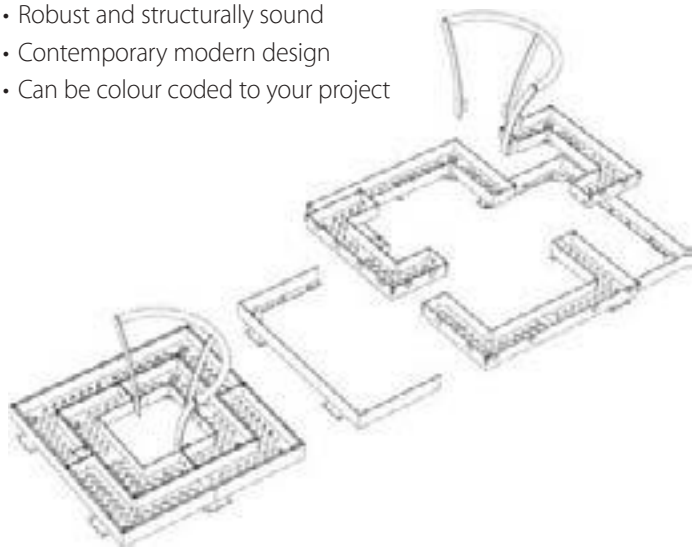
Fortress Ring Guard



The Fortress Ring Guard is manufactured from structural grade 275 carbon steel made from recycled sources. It is fully welded with a 50mm diameter tube top rail and 50mm by 5mm formed flat bar uprights. Galvanised as a standard finish, powder coating is available. The Fortress Ring Guard can be supplied as two halves for assembly or as a complete ring encompassing the tree.

Features

- For installation with the Fortress tree grille
- Robust and structurally sound
- Contemporary modern design
- Can be colour coded to your project



Technical drawings and installation guide available on request



Fortress Tree Rings

Perfect for creating a neat, cost effective border at the base of the tree. Manufactured from galvanised, 3mm preformed steel.

Tree Ring External Diameter (mm)	Single unit	2 – 20 units	11 – 30 units
300	£95.00	£55.00	£41.00
400	£95.00	£55.00	£45.00
500	£95.00	£55.00	£45.00
600	£95.00	£67.00	£50.00
700	£95.00	£67.00	£50.00
800	£95.00	£76.00	£56.00
900	£95.00	£76.00	£56.00

Powder coating available for the tree rings please call for a quotation. Please check lead times at time of ordering.

For prices please call 01423 332 100

gt Dales Collection Tree Grilles



gt Dales Collection Tree Grilles provide protection for young trees from vehicles and pedestrians in urban settings.

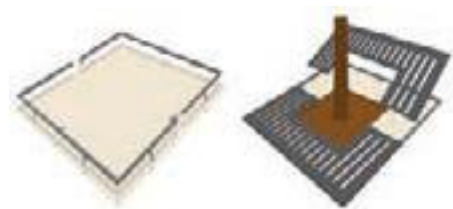
gt Dales Collection Tree Grilles are manufactured entirely in the UK from 100% recycled materials, and are themselves 100% recyclable. Made from engineering grade 250 cast iron, they are expected to last up to 100 years in normal use - even with minimal or no maintenance and painting. This is because 250 grade cast iron is not only incredibly durable, it also does not rust in the traditional sense - in fact over a 100 year timescale, even if left unpainted, Green-tech tree grilles will lose only a few microns to oxidation.

Green-tech offer a standard range of tree grilles as well as bespoke and one off products. gt Tree Grilles can be supplied with both irrigation and/or uplighter holes. We recommend that all grilles are fitted using a support frame and security clamps.



Support Frames

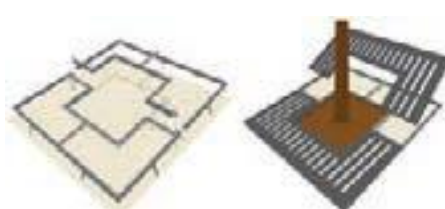
gt Support Frames stabilise the grilles and helps to prevent shrinkage and subsidence of the tree pit. gt Security Clamps secure the individual sections of the tree grille to each other and to the support frame, which increases the rigidity of the whole unit and prevents removal of the grille sections.



Type 1 Frame

2 Piece Grille Support Frame

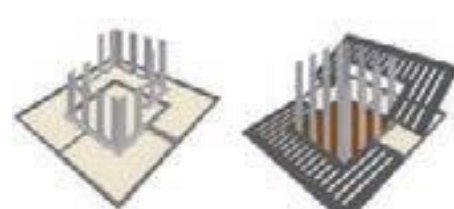
- Step 1: Bolt the two halves of the support frame together around the tree using the fixings provided.
- Step 2: Set frame into ground on ragged legs, ensuring the frame is completely level.
- Step 3: Place Tree Grille into frame.
- Step 4: Apply security straps if applicable.



Type 2 Frame

4 Piece Grille Support Frame 2 Piece Grille with Guard Support Frame

- Step 1: Bolt the inner sections into the outer halves, it is essential that the inner sections are toe down to ensure the grille fits flush.
- Step 2: Bolt the two completed halves together around the tree.
- Step 3: Set the frame into ground on ragged legs, ensuring the frame is completely level.
- Step 4: Place Tree Grille into frame.
- Step 5: Apply security straps if applicable.



Type 2 Frame with Tree Guard

Bolt Fixed Tree Guard

- Step 1: Place the 2 halves of tree guard onto the flat surface of the type 2 frame inners, ensuring bolt holes in the guard and frame are aligned. Bolt the guard bases to the type 2 frame inners using the fixings supplied.
- Step 2: Bolt the two halves of the guard together around the tree.
- Step 3: Place the tree grille into the type 2 frame.

Contact your technical sales advisor for technical drawings and installation guides

For prices please call 01423 332 100

Cast Iron Tree Grilles

Product Specification

Material: Grade 250 cast iron.

Standard Finish: One coat metal primer.
One coat weathershield rust resistant paint system applied in most RAL or BS colours.

Irrigation Holes: We can supply tree grilles with irrigation holes and covers in order to give access to the irrigation of the tree root system.

Supporting Frames: Tree grilles can be supplied with a range of supporting frames depending on the application: Light, medium or heavy duty paving support.

Security Clips: Security clips are available to prevent unauthorised removal of the tree grille segments and to further increase the systems rigidity.



Ribblesdale

Size	Aperture Size	Pieces	Support Frame
700 x 700mm	230mm r	2	Type 1
800 x 800mm	270mm sq	2	Type 1
1000 x 1000mm	225mm r	2	Type 1
1080 x 1080mm	225mm r	4	Type 2
1200 x 1200mm	225mm r	2	Type 1
1760 x 1760mm	225mm r	4	Type 2



Newdale

Size	Aperture Size	Pieces	Support Frame
770 x 770mm	320mm sq	2	Type 1
1000 x 1000mm	340mm sq	4	Type 2
1200 x 1200mm	420mm sq	4	Type 2
1400 x 1400mm	440mm sq	4	Type 2
1800 x 1800mm	600mm sq	4	Type 2



Garsdale

Size	Aperture Size	Pieces	Support Frame
1000 x 1000mm	225mm r	2	Type 1
1200 x 1200mm	320mm r	4	Type 2



Littondale

Size	Aperture Size	Pieces	Support Frame
890mm	200mm r	2	Type 1
1185mm	220mm r	2	Type 1
2000mm	435mm r	3	Type 2



Coverdale

Size	Aperture Size	Pieces	Support Frame
900 x 900mm	200mm r	2	Type 1
1200 x 1200mm	220mm r	2	Type 1
2000 x 2000mm	500mm r	2	Type 1



Raydale

Size	Aperture Size	Pieces	Support Frame
1200 x 1200mm	255mm r	2	Type 1
1500 x 1500mm	350mm r	4	Type 2
1800 x 1800mm	400mm r	4	Type 2



Wave

Size	Aperture Size	Pieces	Support Frame
1200mm	400mm r	2	Type 1

For prices please call 01423 332 100

Laser Cut Tree Grilles



The latest addition to the Dales Collection is a range of laser cut steel tree grilles. Contemporary in design the new laser cut grilles will compliment any urban landscape project. The grilles create a unique profile and the four finishes that are available can be co-ordinated with the overall look and feel of the project.

Material: Manufactured in stainless, mild or corten steel.

Finish: Available in stainless steel, powder coated or corten steel.

Supplied: In two halves or four corners for assembly.

Fixing: Supplied with supporting frames for ease of installation.

Optional extras: Irrigation holes and covers, uplighters, co-ordinating tree guards, permanent fixings available for additional security.

Please note, Laser Cut Tree Grilles are made to order. Please check lead times at time of ordering.



Branch Tree Grille

Available in sizes from 800mm to 2500mm



Geo Tree Grille

Available in sizes from 800mm to 2500mm



Planet Tree Grille

Available in sizes from 800mm to 2500mm



Flare Tree Grille

Available in sizes from 800mm to 2500mm

Bespoke designs available on request

Laser Cut Tree Guards

NEW

Dales Collection Laser Cut Tree Guards offer a stylish and robust alternative to other tree guard products. The flexibility of using laser guided CNC technology allows a greater range of design alternatives than mere fabrication alone. The range of laser profiled guards are manufactured to compliment the range of Dales Collection Laser Cut Tree Grilles, offering design continuity alongside practical application.

Utilising this manufacturing technology allows a wide range of shapes, profiles and imagery to be incorporated into the guards. Alongside the standard ranges, Green-tech offer a completely bespoke service where tree guards can be manufactured to drawings and designs supplied by the client. Logos and personalisation are available which can encompass corporate identity and identification of civic distinctiveness or pride, as well as project specific imagery to allow coherence across an entire scheme.

Available in either 275 carbon steel (finished galvanised and powder coated to any standard RAL colour), or as a polished stainless steel product in either grade 304 or grade 316 stainless steel, Green-tech offer a finished product looks that will suit any scheme. All manufacturing materials are from recycled sources.

Material: Mild or stainless steel

Finish: Galvanised and polyester powder coated. Stainless Steel can be bead blasted, brush polished or supplied with a bright or mirror finish

Supplied: Supplied in two halves

Fixings: Designed to fix directly to Dales Collection grilles and frames. Ground fixings available on request.



Designed by Fred Baier and Lucy Strachan for The Ruthin Art Trail

Please note, Laser Cut Tree Guards are made to order. Please check lead times at time of ordering.



Steel Tree Grilles

Kingsdale Stainless Steel

Sizes: 1000mm x 1000mm, 1200mm x 1200mm

Dentdale Satin Brushed

Sizes: 1000mm x 1000mm, 1200mm x 1200mm, 1800mm x 1800mm

Product Specification

Fabricated stainless steel tree grille. With a polished finished this grille will suit any modern landscaping scheme. Ground installation frame included.

Available in any size between 800mm² to 2000mm².

Material: Stainless steel marine grade 316. Other grades available on request.

Standard Finish: Top surface of tree grille satin brushed.

Irrigation Holes: We can supply tree grilles with irrigation holes and covers in order to give access to the irrigation of the tree root system. Other products relating to irrigation are available on request.

Supporting Frames: All tree grilles come with medium duty stainless steel frames in two halves. Other heavier duty frames or paving support frames available on request.

Tree grilles come with facility to fix directly to supporting frames thus increasing rigidity and also preventing unauthorised removal.

gt Dales Collection Tree Guards



gt Dales Collection Tree Guards are hand made in the UK, and manufactured from UK sourced, mild carbon steel. They are supplied in two halves, each half a fully welded construction. The two halves then bolt together around the tree forming a complete guard. gt Tree guards can be made with either a ground fixing or bolt fixing, the latter allows them to be fixed directly to the support frames supplied with gt tree grilles.

The bespoke nature of manufacture means that Green-tech can not only offer standard range items but also tree guards that will meet customers exacting needs.

gt Tree Guards are finished in zinc rich primer and a hardwearing polyester powder coating. gt Tree Guards come with a galvanised finish as standard. They can also be finished in a rust resistant gloss that can be matched to specific corporate colours if required.

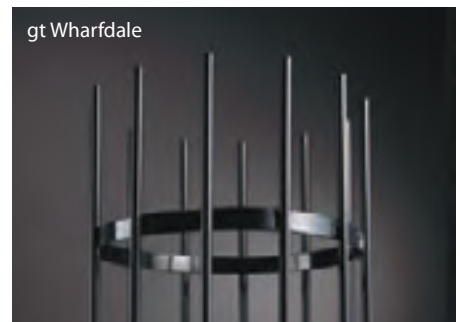
gt Tree Guards can be fitted using a type two frame when using a grille or fixed to the ground when grilles are not required.



gt Nidderdale



gt Airedale



gt Wharfdale



gt Swaledale



gt Malhamdale

For prices please call 01423 332 100

gt Dales Collection Tree Guards



gt Nidderdale

gt Airedale

gt Wharfdale

gt Swaledale

gt Malhamdale



Product Specification

Size: 1.8m x 400mm or 600mm.

Material: Mild Steel.

Standard Finish: Hot Dip Galvanised to BS EN ISO 1461:1999.

Optional Finish: Painted in black rust resistant gloss and oven baked. Other RAL Colours available on request.

Fixing Options: If used with Green-tech's supporting frames and tree grilles, the base of tree guard bolts directly to the inner of the Supporting Frame. If not used with Green-tech's supporting frame and tree grilles, the tree guards come with 400mm length ground fixing legs.

Other Options:

Standard Height – 1800mm Other heights on request.

Standard Diameter – 420mm Outside Diameter.

Other Diameters available on request

For prices please call 01423 332 100

gt Bollards



gt Dartmoor



gt Exmoor



gt Snowdonia



gt Sandringham



gt Kensington



gt Clarence

Stainless Steel Bollards

gt Dartmoor Stainless Steel Bollard

Stainless steel bollard with a satin brush finish. A popular choice for commercial developments across the UK.

- Domed top
- 900mm in height above ground
- 114mm diameter
- 300mm depth below ground

Other heights available on request. Optional finishes available, including highly polished and bead blasted. POA



gt Exmoor Stainless Steel Bollard

Contemporary stainless steel bollard with sloping top. Specified on many major projects across the UK.

- Internal thick walled steel sleeves can be used to provide additional ram raid resistance
- 900mm in height above ground
- 114mm diameter
- 300mm depth below ground

Other heights available on request. Optional finishes available, including highly polished and bead blasted, visibility bands can be powder coated to any RAL and BS colour provided. POA



gt Snowdonia Stainless Steel Bollard

New design of bollard that can be colour co-ordinated to suit your project requirements. Solid steel machined top, with a standard finish of brushed satin.

- Internal thick walled steel sleeves can be used to provide additional ram raid resistance
- 900mm in height above ground
- 114mm diameter
- 300mm depth below ground

Other heights available on request. Optional finishes available, including highly polished and bead blasted, visibility bands can be powder coated to any RAL and BS colour provided. POA



Cast Iron Bollards

gt Sandringham Cast Iron Bollard

A classically styled bollard, manufactured from grade 250 cast iron. Standard finish includes metal primed in black, optional finish includes rust resistant pain system applied in most RAL or BS colours. Rings on the bollard can be finished in gold to provide a contrast.

- Internal thick walled steel sleeves can be used to provide additional ram raid resistance
- 770mm height above ground
- 95mm diameter
- 300mm depth below ground

Other heights available on request, bollards can be supplied in fixed version as standard, removable fold down or trough fold down. Reflective bands can be applied in white, red or yellow. Logos, emblems, coats of arms can be cast onto the side of the bollard on request. POA

gt Kensington Cast Iron Bollard

Heavy-duty cast iron bollard in traditional design. Standard finish includes metal primed in black, optional finish includes rust resistant pain system applied in most RAL or BS colours. Rings on the bollard can be finished in gold to provide a contrast.

- Internal thick walled steel sleeves can be used to provide additional ram raid resistance
- 1000mm height above ground
- 185mm diameter
- 300mm depth below ground

Other heights available on request, bollards can be supplied in fixed version as standard, removable fold down or trough fold down. Reflective bands can be applied in white, red or yellow. Logos, Emblems, Coats of Arms can be cast onto the side of the bollard on request. POA

gt Clarence Cast Iron Bollard

Cast iron bollard with spherical design to top and trunk. Standard finish includes metal primed in black, optional finish includes rust resistant pain system applied in most RAL or BS colours. Rings on the bollard can be finished in gold to provide a contrast.

- Internal thick walled steel sleeves can be used to provide additional ram raid resistance
- 940mm height above ground
- 135mm diameter at trunk
- 300mm depth below ground

Other heights available on request, bollards can be supplied in fixed version as standard, removable fold down or trough fold down. Reflective bands can be applied in white, red or yellow. Logos, Emblems, Coats of Arms can be cast onto the side of the bollard on request. POA

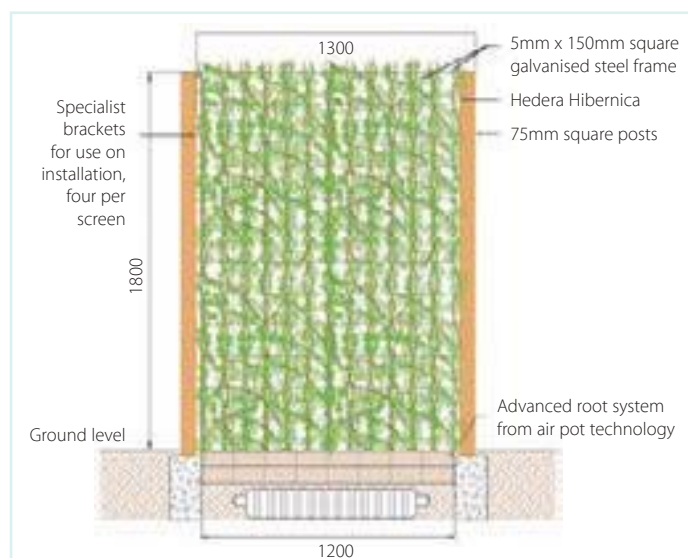
gt Green Screens

The latest evolution in green screening is now available exclusively from Green-tech. Simply inserted into the ground without the requirement for pot or planter removal our new green screens are set to revolutionise the landscape industry. Specially selected growing media incorporates a controlled release fertiliser and wetting agents to aid rapid establishment.

- Cost effective
- Simple and quick to install
- Perfect for indoor or outdoor schemes
- Low maintenance
- A security fencing solution
- Excellent environment credentials
- Fixing brackets available

Structure	Galvanised grid
Mesh dimensions	150mm
Wire thickness	5mm
Screen dimensions (w x h)	1.2m x 1m 1.2m x 1.8m 1.2m x 3m
Plant type	Hedera Hibernica
Weight	30kg (approx.)

Product	Price
1.2m x 1m	POA
1.2m x 1.8m	£110.00
1.2m x 3m	POA



Bespoke planters available – ask for details



Established root structure



Next day dispatch available

Ground, Wind, Weed and Erosion Control

Ground Protection



GRB Plus

Green-tech's tried and tested solution for ground protection and stabilisation, GRB Plus has been specified on many major projects across the UK. It provides excellent strength and protection whilst permitting the free-flow of water, minimising drainage problems.

Features

- Manufactured from 100% recycled polymer
- Manufactured in the UK
- Supports vehicles up to 250 tonnes
- Minimal maintenance
- Unique locking system for a speedy installation
- Lightweight, easy to assemble
- No additional fixings or tools required
- Allows surface water to drain freely
- Can be finished with grass, gravel and stone



GRB PLUS can be used in the following areas:

- Construction sites
- Green parking areas
- Access roads
- Private lanes
- Paths and driveways
- Golf courses
- Landscape projects
- Towpaths
- Emergency access routes
- Helicopter landing pads

GRB Technical Spec	
Grid Area	500 x 500 x 40mm
Wall Thickness	4mm
Wall Depth	40mm
Weight/m ²	4.56kg/m ²
Number of units per m ²	4
Load Capacity	Up to 250 tonnes/m ²
Axle Weight	Up to 16 tonnes
m ² per pallet	56m ²
Gross Weight per pallet	260kg
Material	HDPE
Temperature Stability	-30 to +80°C
Chemical Resistance	Rocksalt, ammonia, acid rain, petroleum products, hydrocarbons
Estimated Installation Time	100m ² per person per hour (depending upon ground preparation)
Base Specifications	Minimum base recommended: 250mm for car parking, 450mm for heavier vehicles

Sub base depths

Project		Typical depth
Patios, Garden paths		100mm
Driveways, public footpaths		150mm
Heavy uses		250mm
Highways		450mm +
Product	Colour	Price
GRB+	● ●	£13.75/m ²

Visit gtspecifier.co.uk for installation guides, product specifications, CAD drawings and RIBA downloads


Ground Protection



NEW

BodPave® 40

BodPave® 40 porous pavers are a cost effective ground reinforcement solution for displaced gravel, worn and rutted grass areas for water to run off. Bodpave® 40 paving grids are designed to be installed onto a well prepared, free-draining and relatively even surface. The ground reinforcement paving grids simply connect together and can be filled with either sand, gravel or topsoil and seeded for use as grass pavers which provides a visually pleasant and stable surface structure through which grass can be grown, or filled with an angular gravel for use as a gravel retention reinforcement surface. Bodpave® 40 offers a load bearing capacity of up to 150t/m².

Size (W x L x D)	Colours	Price/m ²
500 x 500 x 40mm + fixing spikes		POA




NEW

BodPave® 85

Bodpave® 85 porous pavers can be installed with either a grass or gravel filled surface. Bodpave® 85 pavers/grids are strong interlocking 100% recycled cellular porous plastic paving grid systems for grass reinforcement, ground stabilisation and gravel retention for regular trafficked surfaces (pedestrian and vehicles)

BodPave® 85 permeable pavers are manufactured in the UK from UV Stabilised 100% recycled HDPE and are very strong, chemically inert and non-toxic. Bodpave® 85 porous paving provides a durable, safe and environmentally friendly surface for trafficked areas with a very low carbon footprint. BodPave® 85 is a cost effective solution to worn and rutted grassed areas, displaced gravel and for source control of surface water run-off. Bodpave® 85 offers a load bearing capacity of up to 400t/m², will cope with static axle loads up to 60kN.

Size (W x L x D)	Colours	Price/m ²
500 x 500 x 50mm + fixing spikes		POA



NEW

TruckPave® 80

Manufactured from recycled plastics, TruckPave® cellular paving is robust, durable and capable of withstanding all levels of traffic up to and including coaches and HGVs TruckPave®s cells can be filled with either grass seed/topsoil or gravel, making them suitable for stabilising areas where a grass or stone surface is desirable. TruckPave® pavers are the economic, environmentally-friendly and a lightweight alternative to concrete grasscrete-type pavers.

Applications

- Lorry, coach and car parks
- Emergency fire access roads
- HGV service access roads
- Road widening
- Grass verges, including where HGV overrun occurs
- Footpaths
- Service yards and other areas where forklift trucks operate
- Hardstanding for cranes and site equipment
- Lay-bys
- Loading areas

Size (W x L x D)	Colours	Price/m ²
600 x 400 x 80mm + fixing spikes		POA



Rubber Safety Matting Impact Absorbing Playground Surfacing

Manufactured from recycled rubber, this non-slip, resilient grass mat is predominately used on grassed areas in playgrounds, schools or even home use. As it is made from rubber it absorbs any impact, making it perfect for accident-prone children in the playground and comes with a RAPRA approved critical fall height of 3m (industry standard). Available in 1m x 1.5m mats.

Ground Protection



gt Turf Reinforcement Mesh

A lightweight, flexible mesh which can be used for many applications such as lawn protection, embankment stabilisation and as a support mesh under rubber matting. Grass will grow quickly through the filaments creating a root mass. The GRM-Peg secures mesh in applications where maximum anchorage is required. An optional high-visibility Bulls-Eye™ Marker can be quickly inserted into GRM-Peg to mark parking spaces or provide directional information.

Usage

- Load bearing of 8 tonne/m² perfect for standard vehicle usage and heavy pedestrian usage

Application

- Golf course
- Buggy paths
- Pathways
- Wheelchair access
- Embankment reinforcement

Product	Size	Weight	Mesh Size	Price
Standard Black Mesh	2m x 30m	450g/m ²	27 x 27mm	£140.00
Standard Green Mesh	2m x 30m	450g/m ²	27 x 27mm	£150.00
Premium Black Mesh	2m x 30m	640-650g/m ²	27 x 27mm	£195.00
Premium Green Mesh	2m x 30m	640-650g/m ²	27 x 27mm	£205.00
U Pins	150mm x 70mm x 6mm Ø	–	100/bag	£50.00
GRM-Peg	160mm	–	100/bag	£35.00
High-vis Bulls-Eye™ Marker (for use with GRM-Peg)	–	–	100/bag	£32.00



GP-Flex® Reinforcement Mesh

GP-Flex® is the new generation grass protection mesh. Whilst the previous grass protection mesh proved to be one of the most robust and reliable solutions in the world for protecting grassed areas from pedestrian and vehicle damage, we identified a need for developing these products further to include an improved element of slip resistance and flexibility, the result being GP-Flex®!

GP-Flex® has been tested for slip resistance to BS 7976-2 and when tested along side other grass protection meshes, GP-Flex showed an improvement of over 33% in comparison.

Product	Size	Weight	Colour	Price
Standard	2m x 20m	1000g/m ²	● ●	£275.00
Midi	2m x 20m	1400g/m ²	● ●	£370.00
Premium	2m x 20m	1800g/m ²	● ●	£450.00

1000g Suitable for pedestrians, wheelchair access, occasional car use i.e. overflow car parks, temporary access

1400g Suitable for occasional use of light commercial vehicles, caravans and 4x4s

1800g Suitable for occasional use of HGV's access routes for fire engines and refuse trucks

Ground Protection



NEW

Terram GrassProtecta®

A thick slip resistant polyethylene plastic mesh grid for reinforcing and protecting grassed surfaces prone to wear, rutting and smearing which can result in a muddy surface incapable of withstanding vehicular or pedestrian traffic applications. Developed with an oscillated mesh structure which is designed to increase traction and improve slip resistance by up to 97% compared to standard straight oriented meshes.

Grade	Roll Size	Colour	Thickness	Material	Cost/m²
Lite	1m x 10m		10mm	HDPE (part recycled)	£3.70
	2m x 10m				
	2m x 20m				
Medium	1m x 10m		13mm		£4.70
	2m x 10m				
	2m x 20m				
Heavy	1m x 10m		14.5mm		£8.20
	2m x 10m				
	2m x 20m				

GrassProtecta® Lite: occasional car parking and heavy pedestrian traffic. A typical use might be on a golf course fairway path or car parking area that is not in regular use.

GrassProtecta® Medium: overspill parking and cycle paths with occasional maintenance vehicle access and regular residential lawn parking.

GrassProtecta® Heavy: grass access roads, consecutive day use grass car parks with regular vehicle access, event parking spaces or occasional industrial vehicle parking.



NEW

Terram TurfProtecta®

TurfProtecta® turf reinforcement mesh is an extruded black or green, lightweight plastic mesh for grass reinforcement and protection where occasional light vehicle or pedestrian use is required for applications including car parking, access routes and aircraft taxiways. Deal for reinforcing grassed surfaces prone to wear, rutting and smearing which can result a muddy surface incapable of being used.

Applications

- Infrequent overflow grass car parks
- Grass access routes
- Pedestrianised grassed areas
- Grass footpaths
- Wheelchair/disabled (DDA) access routes
- Front lawn parking

Grade	Size	Col.	Mesh Aperture	Weight	Material	Costs/roll
Standard	2 x 30m	●	25 x 29mm	550g/m ²	100% HDPE	£100.00
Heavy		●	22 x 27mm	660g/m ²		£130.00

GRM-PEG

FOR MAXIMUM ANCHORAGE

700%

..more holding power than steel!



APPLICATIONS Golf course | Buggy Paths | Pathways | Wheelchair access | Embankment reinforcement

BENEFITS

- ▶ **SAFER THAN METAL** for installations near power cables, machinery, animals and vehicles
- ▶ **QUICK, EASY INSTALLATION** – Large head, sharp point and barbs fit neatly between mesh filaments
- ▶ **REDUCED INSTALLATION BREAKAGES** – Durable, impact-resistant plastic
- ▶ **EXCEPTIONAL ANCHORAGE** Prevent mesh buckling; the unique barb design offers up to 700% more holding power than the same length peg without barbs!

Optional **high-vis Bulls-Eye™** marker



Contact your sales representative for recommended GRM-Peg® pinning pattern

USE WITH: Geotextiles | Ground cover | Weed control fabric | Mulch mats | Erosion control matting | Coir mats

SQUARE-PEG

TOUGHER STRONGER LONGER

The Perfect Fixing Peg...
To get the job nailed!

**"The Square-Peg is very impressive
They hang on!"**

IMPROVED ANCHORAGE

10 Barbs for maximum grip in hard or soft substrate

AVOID INSTALLATION BREAKAGES

Sturdy, Impact-resistant shank

QUICK & EASY TO INSTALL

Sharper point and large 'Square' head



**DEGRADABLE
ALSO AVAILABLE**

Contact your sales representative for recommended SQUARE-PEG® pinning pattern



Ground Protection

Ground-Guards



LiteTrack

For lighter duty, flexible applications, LiteTrack is the cost-effective trackway of choice to safely support both vehicles and pedestrians alike. LiteTrack's solid but flexible panels follow ground contours yet are strong enough to protect the ground's surface. Checker plate tread provides excellent grip. Multiple joining holes cater for various joining options, giving the mats maximum strength. LiteTrack is made from 100% recycled Low density polyethylene (LDPE).

Size	Thickness	Weight	Load bearing
2485 x 1235mm	11mm	32kg	up to 5 tonnes



MultiTrack

For an extremely tough, easy to handle mat that gives a winning long term investment, MultiTrack remains the original and best ground protection solution. MultiTrack's lightweight mats are easy to handle and simple to join. They are incredibly strong, and guaranteed unbreakable up to 120 tonnes. MultiTrack is made from 100% recycled plastic and fully recyclable.

Size	Weight	Max Vehicle Weight
3 x 8' (0.9 x 2.4m)	29kg	120 tonnes
4 x 8' (1.2 x 2.4m)	39kg	120 tonnes
3 x 6' (0.9 x 1.8m)	22kg	120 tonnes

Available in three different finishes:

- Standard – Standard tread boards have interlocking grips on both sides for maximum traction.
- Walk – The walk tread boards have a close pattern of raised grips, suitable for pedestrian walkways (only available in GG48 and GG38)
- Smooth – Smooth surface boards are suitable for tracked vehicles, pallet trucks and loading the spoil onto when trenching



MaxiTrack

The NEW MaxiTrack system is the world's most heavy duty man-handleable trackway. Each mat is light and easy to handle, weighing only 40kg. And yet each has incredible strength – guaranteed unbreakable by vehicles up to 130 tonnes! This makes MaxiTrack extremely portable, fast to connect and simple to install: no cranes or specialist lifting equipment are needed. Overlapping flange joints help reduce slippage and suppress mud. MaxiTrack is made from 100% recycled HDPE.

Size	Thickness	Weight
1900 x 1000mm	32mm	49kg



FastCover

For cost-effective, easy to lay flooring that won't cost the earth, FastCover is the strong and versatile solution perfect for a range of challenging applications. Its safe anti-slip surface features interlocking lips for a smooth join as well as gentle edging ramps to provide a safe transition to ground level. FastCover is made from 100% recycled PVC.

Size	Thickness	Weight
1200 x 800mm	22mm	20kg
1200 x 800mm	43mm	32kg

Bioengineering



Coir Log Rolls

Coir logs are an organic living revetment that provide erosion control and rapid vegetation establishment. Coir logs can be an excellent technique for establishing marginal vegetation around lake edges, streams and rivers banks. Coir logs are cost-effective, organic revetments that can be suitable alternatives to hard revetments in many applications.

Coir logs are manufactured using virgin mattress type coir fibre, they are machine filled in order to maintain a consistent density of coir fibre.

Standard roll sizes 300mm x 2.2m (other sizes on request).

It is recommended the coir logs be planted at a rate of 10 plants per linear metre and grown outdoors in wet beds to create a hardy plant. Minimum growing period to be 14 weeks during the growing season (March - September) the roots of plants should grow through the bottom and sides of the coir roll to ensure correct maturity of vegetation. POA



Coir Pallets

Manufactured from a 100% biodegradable 3mm virgin coir rope in a 50mm sq mesh opening, filled with virgin coir fibre.

Can be supplied planted at a rate of 20 plants per m² using UK native wetland plants. Grown outdoors for a minimum of 12 weeks during the growing season and until roots are well established.

Typical plant species include: *Carex acutiformis* (Lesser Pond Sedge), *Juncus effusus* (Soft Rush), *Lythrum salicaria* (Purple Loosestrife), *Iris pseudacorus* (Yellow Flag Iris) *Phalaris arundinacea* (Reed Canary Grass)

POA

Size	Dry Weight	Depth
2m x 1m	6kg	50mm



Rock Rolls

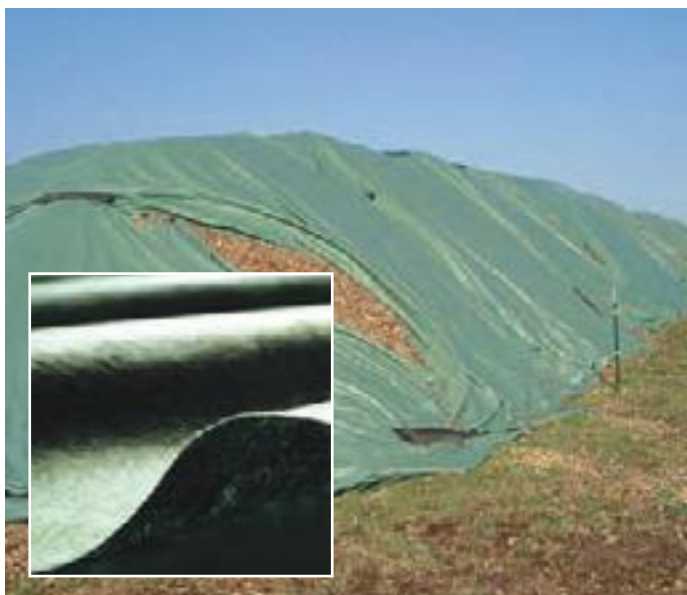
Rock Rolls are manufactured from a 5mm high strength poly-ethylene braided knotless net and formed into tubular bags, filled with 80 – 100mm granite stone they can be used on their own to provide on-going erosion protection or as



part of a bioengineering solution to create a fully vegetated revetment. Commonly used around watercourse shorelines, high-flow riverbanks and streams, rock-rolls provide a flexible solution that gives immediate scour protection, particularly in applications below water. POA

Geotextiles

© TenCate Geosynthetics



Toptex Protection Fabric

Non-woven, decay resistant fabric produced with 100% UV-stabilised propylene. Unlike impermeable tarpaulins which can lead to covered material rotting over time, Toptex is not only a breathable material but also keeps the rain out thus making ideal storage conditions for log and woodchip storage.

Benefits

- Water shedding (drains off rain water at slope angles > 45°)
- Permeable to air and vapour thus avoiding mold development)
- UV stable (minimum life time 3 years)
- Highly tear resistant

Applications

- Straw/Hay bale cover
- Fire wood/wood chip cover

Size	Colour	Weight
4m x 50m	Green	200g/m ²



Terram T1000

Robust and durable, Terram geotextile helps prevent the intermixing of solid particles between the layers of soil, yet still permits water to permeate. The tensile strength, high stiffness and permeability of Terram geotextiles make them ideal for material separation purposes within pavements.

Applications

- Minimises the need for excavation and replacement of the original ground
- Reduces the loss of granular material into the subgrade
- Allows initial fill layers to be placed over particularly soft ground without construction vehicles becoming stuck

Type	Size	Application	Price
Mini/Builder Pack	4.5 x 11.1m	Domestic	£33.00
Roll	2.25 x 100m	Commercial	£105.00
Roll	4.5 x 100m	Commercial	£220.00

Terram Hi Vis

Terram Hi-Vis is a non-woven orange geotextile used for separating contaminated/uncontaminated soils. This geotextile has a dual effect: its vivid colour warns of potential danger at the point of any future excavations and it can also prevent the upward movement of contaminated soil particles.

- Is a highly-visible separator
- Prevents intermixing of adjacent mineral layer
- Is quick and easy to install

Size	Price
4.5 x 100m	£310.00



Erosion Control



Covamat Plus

Covamat Plus is a 10-15mm thick quilted straw and/or coir mats with added fertiliser, micro-organisms, mulches and a choice of seeds incorporated during manufacture. POA

Type	Specification	Roll Size
Type 1	100% Straw Fibres 700 – 750g/m ²	1.2 x 30m
		2.4 x 25m
Type 2	50% Straw Fibres, 50% Coir Fibres 700 – 750g/m ²	1.2 x 30m
		2.4 x 25m
Type 3	100% Coir Fibres 700 – 750g/m ²	1.2 x 30m
		2.4 x 25m

Dependent on application and site conditions various seed mixes are available (see table) or your site specific seed mix can be incorporated (minimum 500m²).

English Name	1A	2A	2B	1C	2C	P
Perennial Ryegrass	30%	–	–	27%	–	25%
Creeping Red Fescue	30%	35%	25%	27%	25%	25%
Chewing Fescue	30%	30%	30%	27%	25%	–
Smooth Stalk Meadow	10%	30%	20%	12%	10%	–
Brown Top Bent	–	5%	5%	–	5%	10%
Sheeps Fescue	–	–	20%	–	28%	15%
Hard Fescue	–	–	–	–	–	–
Alta Fescue, Tall Fescue	–	–	–	–	–	–
Red Clover	–	–	–	3%	3%	5%
White Clover	–	–	–	2%	2%	4%
Birdsfoot Trefoil	–	–	–	1%	1%	4%
Yellow Trefoil	–	–	–	1%	1%	4%
Sucking Clover	–	–	–	–	–	4%
Alsike Clover	–	–	–	–	–	4%

Either a PP or Jute netting/stitching can be used to sandwich the blanket fibres for Covamat and Eromat.

Covamat Seed Mixes

Seedmix 1A:

Low performing • non forage • specially for flood endangered areas and steep slopes, dikes and coastal stripes • excellent sod-forming and erosion protective • strong root development • also salt resistant

Seedmix 2A:

Standard fresh and moist ground • low maintenance • strong root development • erosion protective • also salt resistant

Seedmix 2B:

For dry and stony underground • strong root development • erosion protection • also de-icing salt-resistant

Seedmix 1C:

As per seed mix 1A • with additional clover for poor soil conditions • most widely used mix

Seedmix 2C:

As per seed mix 2A • with additional clover for poor soil conditions

Seedmix 1P:

For especially poor soil conditions • soils with vegetation establishment problems • erosion protection • strong root development and ground cover • de-icing salt resistant



Covamat Fresh

Covamat Fresh gives all the features and benefits of Covamat Plus with an additional 5mm of topsoil to aid quicker establishment. Ideal for areas of poor soil conditions. POA

Type	Specification	Roll Size
Type 1-F Covamat Fresh	100% Straw/Hay Fibres.	1.20 x 15m
		2.40 x 15m
Type 2-F Covamat Fresh	50% Coir Fibres - 50% Straw/Hay	1.20 x 15m
		2.40 x 15m
Type 3-F Covamat Fresh	100% Coir Fibres	1.20 x 15m
		2.40 x 15m



Covamat Light

Ideal for use where large areas are to be covered with limited causes of erosion.

Type	Specification	Roll Size
S-100-P	100% Straw	1.2m x 70m
		2.4m x 50m
SC-50-P	50% Straw, 50% Coir	1.2m x 70m
		2.4m x 50m
C-100-P	100% Coir	1.2m x 70m
		2.4m x 50m

Erosion Control



Which Covamat do I need?

Covamat Plus

Covamat Plus improves poor soil conditions due to the incorporation of a specially developed organic fertilisers and dry micro-organisms. This seed, fertiliser and dry micro-organism combination helps to guarantee the best possible germination results for the grass seed within our Covamats. The mulch layer is a combination of coir-dust, chopped straw, chopped hay and coir-waste for seed embedment and vegetation enhancement.

Type 1: 100% straw blanket suitable for slopes up to 30°

Type 2: 50% straw / 50% coir blanket suitable for slopes up to 45°

Type 3: 100% coir fibre suitable for slopes over 45°

Covamat Fresh

The fastest germination speed for pre-seeded erosion control blankets. The additional layer of 5mm of topsoil exclusive to Covamat Fresh allows seed to commence germination once rolls are manufactured. With this in mind Covamat Fresh requires immediate installation upon arrival on site. The mulch layer is a combination of coir-dust, chopped straw, chopped hay and coir-waste for seed embedment and vegetation enhancement.

Type 1F: 100% straw blanket suitable for slopes up to 30°

Type 2F: 50% straw / 50% coir blanket suitable for slopes up to 45°

Type 3F: 100% coir fibre suitable for slopes over 45°



Eromat

Eromat is an erosion control blanket without seeds for slope and embankment stabilisation. Eromat is best used on top of uneven soils where separate seeding underneath will promote fast vegetation establishment through the blanket.

Type	Specification	Roll Size
Type 4	100% Straw Fibres 400 – 500g/m ²	1.2m x 60m
		2.4m x 42m
Type 5	50% Straw Fibres, 50% Coir Fibres 400 – 500g/m ²	1.2m x 60m
		2.4m x 42m
Type 6	100% Coir Fibres 400 – 500g/m ²	1.2m x 60m
		2.4m x 42m

Eromat Light

Ideal for use where large areas are to be covered with limited causes of erosion.

Type	Specification	Roll Size
S-100-P	100% Straw	1.2m x 70m
		2.4m x 50m
SC-50-P	50% Straw, 50% Coir	1.2m x 70m
		2.4m x 50m
C-100-P	100% Coir	1.2m x 70m
		2.4m x 50m

Green Mat 400

Green Mat 400 is a permanent, three dimensional Turf Reinforcement Mat (TRM). Green Mat 400 provides immediate erosion protection, long term turf reinforcement and is intended for slope or channel applications requiring erosion protection. Green Mat 400 Erosion Mat has been used to establish vegetation on slopes on many different schemes. Greenmat 400 is UV stable. Fixing Pins will be required to pin the Green Mat 400 to slopes. Quantity of pins will be dependent on degree and dimensions of slope. Pins can be either 150mm biostakes or steel fixing pins 4mm diameter x 200mm or 300mm long depending on slope angle and soil conditions

Feature	Amount
Polymer type	PP
Weight	350 grm/m ²
Roll Width	2m
Roll Length	50m
Tensile Strength XD	≥ 2.0KN/m
Tensile Strength MD	≥ 2.0 KN/m
Elongation at break XD	15%
Elongation at break MD	20%
Thickness	14mm

Erosion Control



Geojute

Manufactured from unbleached jute fibre, Geojute is a lightweight yet effective net for use in the prevention of erosion and degrades in one season. Holds up to six times its own weight in water. Invaluable for establishing new grass seedlings, thereafter the product slowly biodegrades to add nutrients and improve soil quality.

Grade	Size
250g/m ²	1.22m x 68.5m
500g/m ²	1.22m x 68.5m



Geocoir

Geocoir is a 100% biodegradable coir mesh for erosion protection of newly cut slopes, landfill capping, soil reinforcement, sand dune stabilisation, watercourse lining and ground abrasion protection. Various weights depending on application.

Grade	Size
400g/m ²	2m x 50m
700g/m ²	2m x 25m
900g/m ²	2m x 20m



Contact your
Green-tech Sales
Representative for
recommended
pinning pattern

Pegs and Pins

Product	Units	1+	5+	10+
Black Square-Peg®, 160mm, Flat Top with 10 Max-Grip Barbs	2000/box	£93.00	£87.00	£85.00
Steel 'J' pins – 20cm x 4mm Ø	500/pk	£46.00	£44.00	£42.00
Degradable Square-Peg® BIO, 160mm, Flat Top, 10 Barbs	2000/box	£145.00	£140.00	£135.00

gt Ecomatt Rolls

Manufactured in the UK, exclusively for Green-tech Ltd from 100% recycled materials.

The product is needle punched onto a degradable polythene backing, to allow both air and water to pass through the layers. gt Ecomatt benefits:

- Helps to suppress competing weed growth within the vicinity of the plants root development area.
- Allows water and air to percolate through the wool layer and helps to retain moisture in time of drought.
- The matting/roll acts as an insulator and absorbs heat from the sun thus creating an assisted environment for the plant to establish itself.
- Totally degradable, lasting a minimum of two seasons.

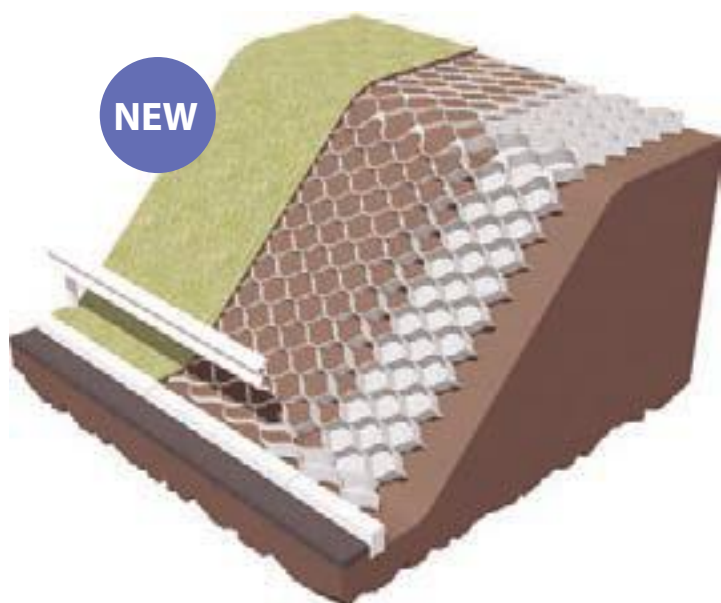


Re-pulled clothing, tailors clippings and re-used jute

Weight/m ²	Roll Size	Price
450g	1m x 30m	£57.00
450g	2m x 30m	£110.00
750g	1m x 30m	£79.00
750g	2m x 30m	£161.00

*For gradients up to 35° use 450g gt Ecomatt, in instances up to 45-50° we recommend the 750g product. A site survey should be undertaken prior to installation to consider specific site circumstances such as wind speed, nature and current erosion. **Please note that the colour and appearance of gt Ecomatt may vary slightly due to the nature of the recycled materials used.

Erosion Control



Terram Geocell

Terram Geocell can be used on slopes up to 1:1 to resist the erosive effects of wind and water run off by confining infill within it's honeycomb-like structure. Made from a permeable geotextile Terram Geocell allows the free flow of water between cells which encourages drainage and vegetation establishment.

The panels (supplied flat packed) are flexible enough to be formed around trees and other obstacles.

Applications

- Cut or fill embankments
- Dams or spillways
- Revetments
- Abutment protection
- Geomembrane protection
- Landfill lining

Type	Panel Size (m)	Cell Ø (mm)	Cell Depth (mm)	Panel Weight	Slope Type
Geocell 25/10	5 x 7	250	100	17kg	Large/ Medium*
Geocell 25/15	5 x 7	250	150	25kg	Large/ Medium*
Geocell 35/10	5 x 7	350	100	11kg	Small*
Geocell 35/15	5 x 7	350	150	17kg	Small*

*These are typical profiles only.



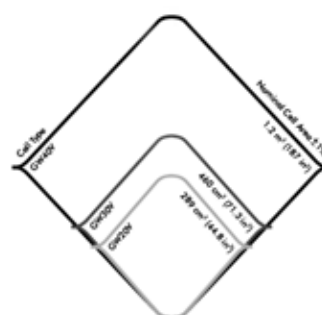
GEOWEB Slope, Channel and Shoreline Protection

GEOWEB confines, reinforces and restrains the upper soil layer and infill controlling down-slope movement and slippage due to hydrodynamic and gravitational forces. In a channel application the GEOWEB will also provide protection against low-to-high flows. POA.

Typical Application

- Embankment slopes
- Swales and drainage ditches
- Geomembrane protection
- Tree Root Protection
- Abutment protection
- Load Support

Cell Type	Panel Size/ Depth	75mm	100mm	150mm	200mm
Small – GW20V	2.6m x 6.54m	GW20V3	GW20V4	GW20V6	GW20V8
Mid – GW30V	2.6m x 8.3m	GW30V3	GW30V4	GW30V6	GW30V8
Large – GW40V	2.6m x 13.46m	GW40V3	GW40V4	GW40V6	GW40V8



Cell size and depth are determined by the detail of the application, problem or desired solution.

For an accurate quote please supply the gradient, depth required and where the product is to be laid.

Retaining Walls



Gabion Baskets

Our Gabion baskets are used to stabilise ground movement and erosion control, reservoirs, river bank stabilisation, landscaping and retaining walls. They are manufactured in welded mesh and are quick and easy to erect. Cobbles or boulders are used to keep their shape and provide the protection needed for the retaining situation. POA

Example gabion basket sizes: 0.5m x 0.5m x 0.5m and 1m x 1m x 1m.

Gabion Stones

Selected clean stone for use in gabion cages in retaining wall construction and hand placing in river revetments and embankments. POA



Envirolok

Envirolok is a Vegetated Mechanically Stabilised Earth Wall System which enhances the natural surroundings and turns what was once unstable soil into a permanent, stable, green slope.

Envirolok uses spikes and soil bags combined with carefully selected native plants to provide a long lasting erosion control solution. POA

- Retaining walls
- Slope retention
- Swale protection
- Stormwater
- Shoreline protection

Windbreaks and Shelters

TILDENET



Mono Windbreak

6 – 8 year lifespan Loktex, monofilament windbreak system is tough and extremely durable. It is designed to reduce windspeed by over 50% and is finished in an attractive country green with eyelets top and bottom.

Description	Size	Performance	Material	Col.	Price
Mono Windbreak and Screen	1m x 50m (fine mesh)	50% Shade and Wind Reduction	Monofilament (5 years UV)	●	£43.00
Mono Windbreak and Screen	1.5m x 50m (fine mesh)	50% Shade and Wind Reduction	Monofilament (5 years UV)	●	£64.00
Mono Windbreak and Screen	2m x 50m (fine mesh)	50% Shade and Wind Reduction	Monofilament (5 years UV)	●	£86.00
Mono Windbreak and Screen	3m x 50m (fine mesh)	50% Shade and Wind Reduction	Monofilament (5 years UV)	●	£128.00



Rokolene Windbreak

5 – 7 year lifespan. Rokolene is a windbreak and shade net made from high density polyethylene tape and monofilament with button hole eyelets top and bottom. Rokolene gives superior performance in all climatic conditions

Size	Performance	Material	Col.	Price
0.9m x 50m (fine mesh)	50% Shade and Wind Reduction	Tapenet (5 years UV)	●	£42.00
1.2m x 50m (fine mesh)	50% Shade and Wind Reduction	Tapenet (5 years UV)	●	£59.50
1.8m x 50m (fine mesh)	50% Shade and Wind Reduction	Tapenet (5 years UV)	●	£87.50



Heavy Duty Windbreak



Standard Windbreak

gt Windbreak Standard and Heavy Duty

These windbreak nets are specially designed to reduce windspeed by 50% for standard and 60% for heavy duty, as well as protecting crops from water loss, soil erosion and wind damage.

Enhances ornamental presentations and retail displays.

Heavy Duty Windbreak is a semi-rigid windbreak providing an attractive back-drop for visual display and public areas in garden centres and nurseries.

Description	Size	Col.	Price
GT Standard Windbreak (1m x 30m)	6mm x 8mm mesh	●	£66.95
GT Standard Windbreak (2m x 30m)	6mm x 8mm mesh	●	£119.45
GT Standard Windbreak (2m x 25m)	6mm x 8mm mesh	●	£114.25
GT Heavy Duty Windbreak (1m x 30m)	15mm x 5mm mesh	●●	£77.25
GT Heavy Duty Windbreak (2m x 30m)	15mm x 5mm mesh	●●	£128.75



gt Economy Anti Bird Netting

5 year lifespan. Anti Bird net is a standard quality 17mm mesh with single stitch strong tape-thread. It is suitable for installation on a frame to keep out birds and rodents. Other sizes on request.

Description	Size	Col.	Price
GT Economy Anti Bird Netting (2m x 100m)	17mm mesh	●	£46.00
GT Economy Anti Bird Netting (4m x 100m)	17mm mesh	●	£76.00
GT Economy Anti Bird Netting (8m x 100m)	17mm mesh	●	£174.00
GT Economy Anti Bird Netting (10m x 100m)	17mm mesh	●	£215.00



gt Premium Anti Bird Netting

10 year lifespan This superior quality 20mm mesh with double stitch mono filament thread is suitable for installation on a frame to keep out birds and rodents. Other sizes available on request.

Description	Size	Col.	Price
GT Premium Anti Bird Netting (2m x 100m)	20mm mesh	●	£78.00
GT Premium Anti Bird Netting (4m x 100m)	20mm mesh	●	£145.00
GT Premium Anti Bird Netting (8m x 100m)	20mm mesh	●	£255.00

Weed Control



gt Groundcover

gt Groundcover offers weed suppression without the need for spraying. Black woven polypropylene, 100g/m².

Product	Roll Size	Unit Price
Groundcover	1m x 50m	£25.50
Groundcover	1m x 100m	£49.50
Groundcover	2m x 50m	£49.50
Groundcover	2m x 100m	£98.00
Groundcover	3.3m x 50m	£78.00
Groundcover	3.3m x 100m	£150.00
Groundcover	4m x 100m	£195.00



DuPont™ Plantex® Gold

Superior weed control even against tough weeds. Bi-coloured, brown and black non-woven Polypropylene weed control barrier for long lasting, highly effective and chemical-free weed control even against tough weeds such as couch grass, horsetail and bindweed. Ideal for application on slopes where it can be used covered as well as uncovered. Weight: 125g/m²

Uses

- Slopes
- Hedges
- Pond edges

Benefits

- No chemicals needed
- Superior weed control barrier even against the toughest weeds
- Allows air, water and nutrients to reach the soil and plant roots
- Very strong
- Easy to install
- Raises quantity and quality of crops
- Gives a natural look to the landscape

Sizes	Unit Price
1m x 25m	£33.00
2m x 25m	£63.00
1m x 50m	£63.00
2m x 50m	£119.00
1m x 100m	£119.00
2m x 100m	£229.00



Weed Control Fabric 50g

Specifically designed for and extensively used by landscapers and horticulturists alike. Made from a black spunbonded polypropylene, with high levels of UV stabiliser, it acts as a weed barrier and enables easy planting by pre-cutting crossholes in the fabric. As this is a spunbonded material, it can be easily cut without fraying.

Product	Roll Size	Unit Price
Weed Control Landscaping Fabric	1.5m x 100m	£65.00
Weed Control Landscaping Fabric	2m x 100m	£85.00

Weed Control



gt Ecomatt PLUS

Biodegradable and compostable groundcover and landscape fabric offering all the advantages of a high quality groundcover including:

- Outstanding weed suppression to protect young plants, shrubs and trees
- Excellent water/nutrient permeability

After the crucial first three years, the gt Ecomatt PLUS biodegrades into a powder which is consumed by soil biota and turned into humus which provides food for the protected plants.

It is the ideal, sustainable solution for:

- Landscaping
- Retail and commercial planting schemes
- Tree planting
- Motorway and roadside planting

gt Ecomatt PLUS will keep the areas around the root zone free of weeds, allowing young plants to benefit fully from available and applied nutrients.

Roll Size	Unit Price
1.05m x 100m	£192.00
2.07m x 100m	£376.00



Terram WeedGuard – Weed Control Fabric

Terram WeedGuard is proven for suppressing weeds in landscaping and garden applications without the need for chemicals. Designed to allow the passage of water, oxygen and nutrients while blocking weeds. Terram WeedGuard is installed between soil and a decorative layer such as bark chippings, stone chippings, pebbles or gravel.

- Ideal for garden beds, landscaping and beneath decked areas
- Lightweight and simple to install
- Maintenance free
- Resistant to chemical and microbiological breakdown

Roll Size
2.25 x 50m

Pegs and Pins



Product	Units	1+	5+	10+
Black Square-Peg®, 160mm, Flat Top with 10 Max-Grip Barbs	2000/box	£93.00	£87.00	£85.00
Steel 'J' pins – 20cm x 4mm Ø	500/pk	£46.00	£44.00	£42.00
Degradable Square-Peg® BIO, 160mm, Flat Top, 10 Barbs	2000/box	£145.00	£140.00	£135.00

For recommended pinning patterns, please contact your Green-tech Sales Representative on **01423 332 100**.

Soils, Growing Media and Barks

The Green-tree range of soils and growing media is one of the most comprehensive in the industry. Manufactured from natural by-products of the recycling industry it provides a rich and organic growing medium for healthy plants and trees.



Delivery options

We offer a wide variety of delivery options to meet all of our customers' needs. We have topsoil production sites in operation across the UK (see map opposite).

Bulk Loads

We are able to deliver bulk loads nationwide. Delivery charges will differ dependent on the size of load. Our experienced Sales Team will advise and guide you towards the best options for the job in hand.

Dumpy Bag

We offer dumpy bags nationwide. Deliveries are available using a 'Tail Lift' or a 'Hiab'. These options need to be discussed with the Sales Team and booked in advance as not all deliveries will include these options. This is especially important for deliveries to sites with restricted access or delivery to a domestic site.

Available in:



Soil Match Service

Did you know the Green-tree team offers a soil match service? Send the team your planting project and specification and the team will advise on a soil or growing media most suitable for your project.

The team consider the following criteria and provide comprehensive advice on your project:

- Type of planting
- PH levels
- Calcium content
- Fertility levels
- Weight
- Availability
- Location



Green-tree Topsoil

High fertility and organic rich topsoil perfect for landscaping

Green-tree Topsoil is manufactured from natural by-products of the recycling industry and packed full of the essential nutrients and structural components that result in a rich and organic topsoil. Green-tree Topsoil is certified to BS3882:2015 standards, ensuring that the same high quality topsoil is delivered to site all year round. The high fertility of Green-tree Topsoil ensures quick establishment of trees, plants and turf, no additional fertiliser products are required for the first season.

Green-tree Topsoil has been specified for use on many high profile projects across the UK including, The Olympic Park Legacy and South Tyneside Regeneration project.



Benefits of Green-tree Topsoil

- Complies to BS3882:2015 standards
- Peat free with high organic content and fertility
- Environmentally sustainable blend
- Year-round availability
- Friable and easy to work with
- Good water holding capacity

Applications

- Housing developments
- Commercial developments
- Public parks and recreation areas
- Domestic gardens

Typical analysis of Green-tree Topsoil

Typical analysis of Green-Tree Topsoil	
PH	7.9
Soil texture	
Clay Content %	7
Silt Content %	11
Sand Content %	82
Total Nitrogen %	0.2
Extractable Phosphorus mg/l	83
Extractable Potassium mg/l	1293
Extractable Magnesium mg/l	139
Organic Matter %	5
Carbon: Nitrogen Ratio	13
Visible contaminants	
>2mm	0
Plastic	0
Sharps	0

Data supplied is current at time of printing, for up to date analysis and results please contact your Technical Sales Advisor.



Green-tree Topsoil

Green-tech supplies over 1000 tonnes of Green-tree soils and growing media for Glasgow Fort Retail Park

£15m Glasgow Fort Retail Park is one of Scotland's largest and most popular 'out of town' shopping destinations with 100 outlets and parking for 2,500 vehicles. It has a catchment area covering in the region of 2 million people and circa 100 retail and leisure outlets covering over 800,000sq ft.

1000 plus tonnes of Green-tree Topsoil, Green-tree Intensive Roof Garden Substrate and Green-tree Amenity tree soil was supplied and used for the planting of the trees and throughout the entire landscaping scheme. Shrubs in the borders surrounding the shopping complex were top dressed with the 210m³ of bark mulch that was also supplied.

Owners, British Land are one of Europe's largest publicly listed real estate companies. Their strategy is to create Places People Prefer. Working with Landscape Architect, Macgregor Smith, the landscape strategy was to create an environment that encourages people to dwell in the external spaces. The landscape upgrade project was to include tree planting within the site that echoes the surrounding Scottish woodlands with 12m tall semi-mature Birch trees and native Pines. Landscaped borders surrounding the park were also included in the scheme.

Award-winning commercial landscaper Grace Landscapes were awarded the landscaping contract. Darren Hardman, Regional Contract Manager (NE) for Grace Landscapes commented, "This is a prestigious project and one which we were proud to have won. We have worked with Green-tech for many years and they always offer us appropriate and helpful advice, fast and accurate delivery and competitive prices. Green-tech always has the items in stock and can delivery quickly to site. We will be using them for phase three and have no hesitation recommending them."



ArborRaft Soil

The tried and tested ArborRaft soil has been specially developed for the UK market to work as a rootzone with the ArborRaft system. This ensures the structure of the growing media remains open and the correct level of water, air and nutrients are transported through the soil to the tree's roots.

The design of the system working in partnership with the ArborRaft soil prevents compaction within the tree pit, protecting and enhancing the tree's root growth.

Extensive testing has been completed for the ArborRaft Soil, ensuring that the optimum moisture, aeration and nutrient content is achieved, whilst maintaining a stable soil layer.

The ArborRaft soil working in partnership with the ArborRaft system provides the ideal start in life for an urban tree. The growing media is stable, prevents compaction and provides an open structure to allow the free-flow of water oxygen and nutrients.

'In dense urban areas, the amount of soil installed will, to a large extent, determine the size the tree will reach over its lifespan.'

TDAG, Trees in the Townscape Report

'Together with soil aeration, providing adequate rooting volume is the other fundamental precondition to secure a healthy cohabitation between trees and urban infrastructure.'

TDAG, Trees in Hard Landscapes

ArborRaft Soil Physical Properties

Moisture Content %	26
Bulk Density Mg/m ³	1.81
Dry Density Mg/m ³	1.44
Nutrient %	12
Permeability m/s	2.06 x 10 ⁻⁰⁵
Permeability mm/hour	74

Data supplied is current at time of printing, for up to date analysis and results please contact your Technical Sales Advisor.



Also available with



Available in:



Green-tree Amenity Tree Soil

A load bearing, fertile planting medium designed for use in urban environments



Green-tree Amenity Tree Soil combats the problems of poorly developed root structures under hard services such as pavements and car parking areas. Green-tree Amenity Tree Soil has a naturally open structure allowing aeration to the root system.

Benefits:

- Combats problems of poor root structure and subsequent poor growth
- Allows compaction whilst providing aeration to soil and allows oxygen and water access to the root system
- Compaction testing kits available
- Regular testing to maintain quality

Applications:

This product should only be used in situations where a compact soil structure is absolutely unavoidable. In order for the Amenity Tree Soil to be successfully implemented, adequate drainage is a must. The soil should also be used in conjunction with the Mona Landscape Irrigation System for future watering and gt RootBarrier® to divert roots downwards.

Soil analysis:

Typical analysis of Green-tree Amenity Tree Soil	
pH Value	7.8
Particle Shape	Sub Rounded
Percolation rate (at 40cm tension)	53mm/hour
Loose bulk density (compacted)	1.7T (1.85T)/m ³

Data supplied is current at time of printing, for up to date analysis and results please contact your Technical Sales Advisor. Full analysis and installation instructions available on request. gt Amenity Tree Soil is available from eight sites throughout the UK. POA depending on location and size of load.

Green-tree Subsoil

Often a large volume of material to be imported prior to the finished soil type, Green-tree Subsoil is used to build up levels and construct any specific landscape contouring requirements. It conforms to BS8601:2013, ensuring a consistent product of excellent quality.

The Green-tree team work closely with material suppliers throughout the country to source the highest quality, clean and consistent materials for supply into your project offering traceability throughout the supply chain.

Applications:

Raise levels on site • Create landscape contours • General infill



Available in:



Specialist Soil Mixes

Green-tree Sportsmix

Green-tree Sportsmix is a blend of organic, green compost Pas 100 and fine sand, offering a high quality, fertile repair mix. This flagship soil product can be supplied throughout the year in all weather conditions, is cost effective and offers the same high quality consistency from the first load to the last.

Applications:

- Sports pitches
- Race courses
- Ideal for remedial work

Green-tree Rootzones

A mix of high quality free draining sand with organic compost designed to create the optimum conditions required for healthy root growth, our Green-tree team can source any combination of rootzone required alongside our standard mixes.

Applications:

- High specification sports applications
- Golf course construction and green finishing
- Used in conjunction with ground reinforcing systems eg. GT-GRB

Green-tree Low Fertility Soil

A mix designed to limit the nutrient level of the soil in response to specific planting schemes, designed to meet the requirements within BS3882:2015 our Green-tree Low Fertility Mix can be supplied in bulk tippers or in bulk bags from our in-house bagging facility at GTHQ, ideally supplied alongside our new John Chambers Wildflower range.

Green-tree Structural Soil

A soil and sand based substrate reinforced with polypropylene fibres. An advanced substrate that is stable and free-draining, it provides excellent structural strength enabling it to be used for a variety of applications that are frequently trafficked. During the mixing process of Green-tree Structural Soil crimped polypropylene fibres are entwined with the substrate increasing its overall strength and resistance.

Applications:

- Emergency and access roads
- Overspill car parks
- Golf course buggy routes
- Public recreation areas
- Verges and pedestrian walkways



Soils and Growing Media with Carbon Gold's biochar



Exclusively available for incorporation with the Green-tree range of landscape products. Carbon Gold's biochar blends are effective in the cultivation of plants and trees, reducing the effects of environmental stresses and increasing plant vitality.

Enriched biochar:

- Increases soil water holding capacity
- Improves nutrient delivery to trees, plants and shrubs
- Increases number of beneficial soil micro-organisms to out-compete soil borne diseases

Green-tree Topsoil with Carbon Gold's biochar

- A natural and efficient method to boost plant health and vigour
- Provides refuge for soil micro-organisms that assist the development of plant roots
- Retains moisture and nutrient at root level in sandy soils
- In urban and roadside environments to help defend against salt decay and stress
- Reduces the likelihood of soil oxygen depletion

Green-tree Amenity Tree Soil with Carbon Gold's biochar

- Minimises drought stress for the tree's roots
- Enables greater resistance to disease through increased populations of soil-micro-organisms
- In urban and roadside environments helps defend against salt decay and stress in trees

Green-tree Roof Garden Substrates with Carbon Gold's biochar

Ideal for installation within intensive and extensive roof gardens, where the quick establishment of plants and trees is of paramount importance. The new substrate formulation promotes quicker rooting, stronger root growth and healthy soil biology in what can be a harsh growing environment.

Carbon Gold's enriched biochar naturally retains water and minimises drought stress for turfs, wildflowers and sedums used in roof garden projects. The substrate mixed with Carbon Gold's Soil Improver increases plant health and vigour by improving the performance of the soil. Increased water retention, improved nutrient delivery and higher populations of beneficial soil micro-organisms combine to deliver resilient plants in green roof coverings that can be difficult to access and maintain.



Carbon Gold Tree Soil Improver

Ideal for transplanting new stock and treating established plants, this easy-to-apply biochar treatment is suitable for all types of trees, shrubs and woody plants. Bartlett Tree Experts endorsed Tree Soil Improver promotes quicker establishment, better root growth and improved soil biology, minimising drought stress and reducing losses.

Carbon Gold Tree Fertiliser

Feed trees, shrubs and woody plants with this unique vitality booster. Tree Fertiliser blends enriched biochar with potassium phosphite to grow healthier, more vigorous plants in the harshest conditions.

Available in:



Green Roofs

Green-tree Roof Garden Substrate – Intensive

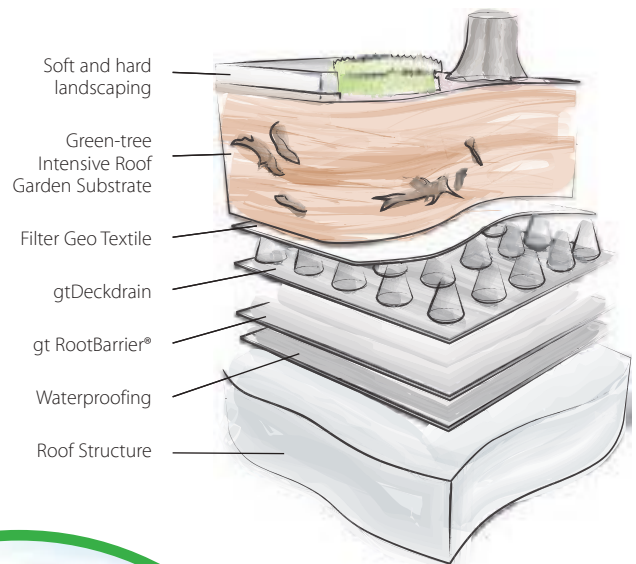
Green-tree Intensive Roof Garden Substrate is an established growing media within the Green-tree family of products. A blend of lightweight aggregate and the award winning Green-tree topsoil, the intensive roof garden growing media is ideal for green roof construction projects and particularly containerised planting. Lightweight in texture with good water-holding capacity, Green-tree Intensive Roof Garden Substrate promotes healthy plants and trees in a roof garden environment.

Benefits:

- Good levels of fertility
- Good water holding properties
- Excellent aeration properties
- Lightweight compared to standard soils
- A typical pH of 8.4
- Typical bulk density at saturation point 1.22 – 1.32 tonnes/m³

Applications:

- Containerised planting
- Soft landscaping
- Tree planting
- Decorative planting
- Allotment planting



gro

Available in:



*Bulk density is provided as a guide only, it is dependent on moisture content, climatic conditions and settlement during transportation. Data supplied is current at time of printing, for up to date analysis and results please contact your Technical Sales Advisor.

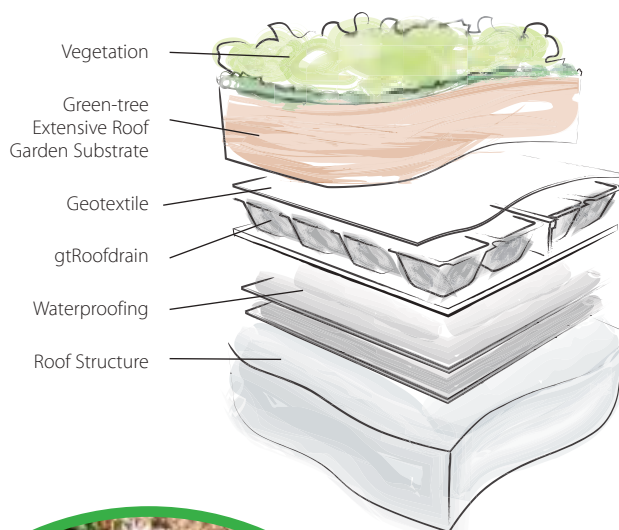
Green Roofs

Green-tree Roof Garden Substrate – Extensive

Green-tree Extensive Roof Garden Substrate is ideal for incorporation into expansive green roof projects that require very little maintenance. A proven growing media, that is lightweight in texture and manufactured from the award winning Green-tree topsoil. Green-tree Extensive Roof Garden Substrate has a balanced nutrient content, ensuring quick plant establishment in harsh rooftop environments.

Benefits:

- Lightweight
- Controlled fertility levels
- Good aeration and water holding properties
- Simple to work with
- Guaranteed consistency throughout the green roof installation
- Typical bulk density at saturation point 1.02 tonnes/m³



gro

Available in:



*Bulk density is provided as a guide only, it is dependent on moisture content, climatic conditions and settlement during transportation. Data supplied is current at time of printing, for up to date analysis and results please contact your Technical Sales Advisor.

gt Roofdrain

Forms a lightweight high performance drainage layer with integrated filter geotextile. Using gt Roofdrain allows for the collection and storage of water to irrigate the plants during low rainfall periods whilst providing a continuous drainage layer across the roof structure. The core acts as a water reservoir for plant roots to access in dry periods. gt Roofdrain is ideal for extensive green roofs as it provides a lightweight drainage layer and water reservoir to sustain plant growth.

Benefits:

- Prevents plants from drying out
- Prevents waterlogging
- Provides drainage
- Assists in roof cooling
- Lightweight
- Easy to install

Product	Thickness	Reservoir Capacity
Roofdrain 20	20mm	5.5l/m ²
Roofdrain 25	25mm	4.3l/m ²
Roofdrain 40	40mm	12l/m ²
Roofdrain 60	60mm	23l/m ²



gt Deckdrain

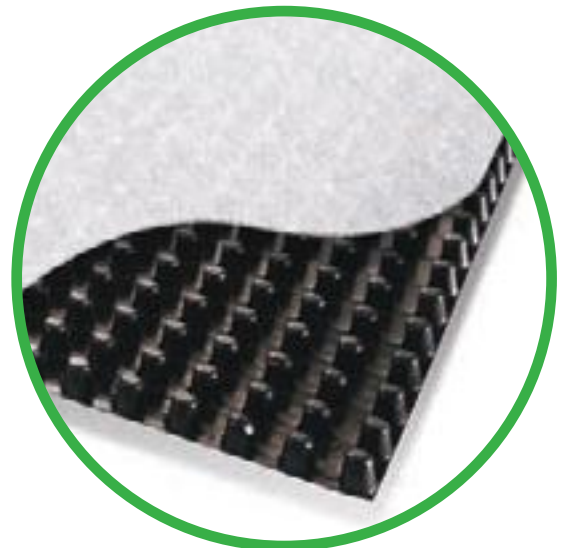
Forms a lightweight high performance drainage layer with integrated filter geotextile that eliminates clogging within the drainage structure that provides a continuous drainage layer across the structure. It has been specifically developed to provide high flow capacity and added protection to waterproofing for intensive green roofs. gt Deckdrain is durable and sufficiently robust to resist the mechanical stresses imposed during installation and then on throughout its design life.

Benefits:

- Provides continuous drainage
- Protects the waterproofing layer
- Durable and robust
- Consistent irrigation for plants, shrubs and trees
- Lightweight
- Simple to install

Product	Thickness	Flow Rate*	Puncture Resistance
Deckdrain 700	7mm	0.67	2400N
Deckdrain 1200	12mm	1.25	2300N
Deckdrain 2500	25mm	4.30	4800N
Deckdrain 5000	50mm	29.00	N/A

*Flow rate determined at HG=0.1 and under 20kPa load which represents the hydraulic gradient typical to a horizontal roof construction.



Green-tree Podium Roof Garden Substrate

NEW

A nutrient rich roof garden substrate for roof garden projects where weight constraints are less strict.

The consistent and sand rich composition of the substrate demonstrates a good level of drainage for water management needs.

Benefits:

- Saturated bulk density: 1.7T/m³
- High level of fertility so no additional feed required.
- Ideal for supporting the growth of grass seed, turf, shrubs and small trees.

Green-tree Rain Garden Filter Medium

A bespoke engineered soil for use as a filter medium in rain garden applications.

Designed specifically for the requirements of rain gardens and grey water management schemes to slow down the flow of water run off.

Effective permeability rates and porosity levels are achieved whilst also providing the correct nutrient requirements to support the finished planting scheme.



Available in:



Green Roofs Vegetation

Sedum Matting

Sedum Matting is the ideal choice for extensive green roofs, it is drought tolerant and therefore needs only a shallow substrate layer. The sixteen varieties of sedum offer a huge variety of colour, textures, leaf shapes and plant sizes. Sedum increases biodiversity and also contributes to the many other benefits associated with planting green roofs including insulation, improved air quality in urban landscapes and increase habitat creation. The plants also offer many different leaf types and flowers, resulting in a blend of beautiful textures when planted together.

Roll size: 1.2m² (0.6m x 2.0m) or 2.4m² (1.2m x 2.0m)

Low Maintenance Turf

An attractive fine turf with slow growth habitat resulting in reduced mowing requirements and fewer clippings to remove. For extensive green roofs requiring a turf grass finish with low maintenance requirements.

Green Roof British Native Wildflower Mix

Developed by the John Chambers team, the British Native Wildflower Mix has been specifically developed for installation on green roof environments, subject to harsh conditions and open space. The wildflower mix is available in both matting and seed format.

Flowering height: Up to 20 – 30cm

Pictures for illustration purposes only and do not represent mixture quality. Carriage on all the above will be charged as extra

Four Pancras Square, King's Cross

Green-tree's intensive roof garden substrate and gtRoofdrain has been installed in the prestigious London development of Four Pancras Square. The Grade A office building is located to the north of King's Cross station, on the new Pancras Square. The 170,000 sq ft, ten floor building is the final part of a two million sq ft cluster of nine office buildings south of Regent's Canal.

Landscape contractor, Willerby Landscapes Ltd contacted Green-tech to discuss the best products for the job. Green-tech supplied it's own brand, Green-tree Roof Garden intensive substrate for the roof top containerised planting scheme. The substrate was perfect for the project due to its lightweight texture and good water-holding capacity which ensures healthy plant establishment in harsh rooftop environments.

460m³ of 25mm gt Roofdrain was also incorporated. The gt Roofdrain forms a lightweight high performance drainage layer, allowing collection and storage of water to irrigate plants during drier periods.

Deliveries were undertaken on flatbed lorries with moffat offload to suit the inner city restrictions of the site.

Green-tech's Head of Sales, Richard Gill commented, "Green-tree Green Roof Substrates are the go to products for roof garden projects due to the lightweight and workable properties, along with Green-tech's ability to deliver to more challenging city locations. Green-tree Roof Garden Substrates have been used on a number of high profile projects across the country and have received great praise from architects and contractors."



Green Roofs

gtSedum Cassettes

Designed specifically for extensive green roof installations, the new gtSedum cassettes can convert a roof into a lush sedum green roof simply and effectively.

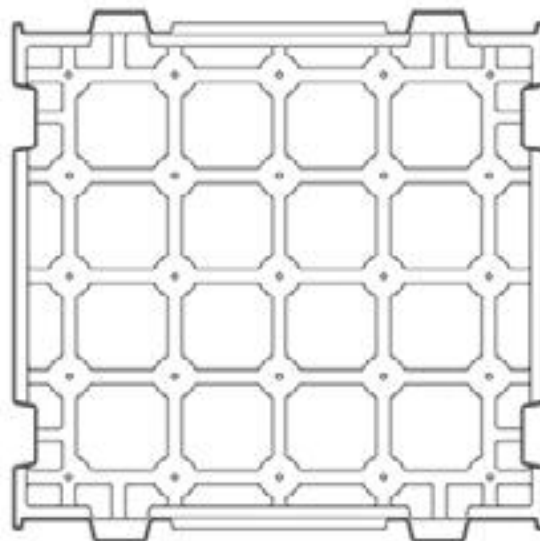
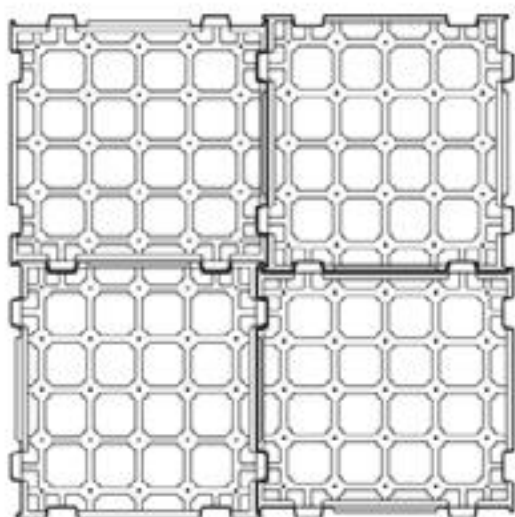
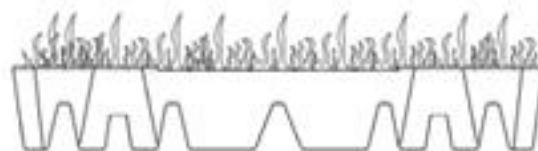
Incorporating a minimum of eight types of sedum into each individual cassette, the system is designed to provide an instant and practical solution to green roofs. Sedum is the ideal choice for extensive green roofs as it requires minimal maintenance, is drought tolerant and requires a minimal substrate layer. It is a well-rooted, low-growing plant therefore it is ideal for the harsh, open environments typically associated with green roofs.

Green roofs are quickly becoming a great resource for urban greening and conversions of large open roof spaces, with the evolution of sedum cassettes green roofs are achievable for all.

- Instant and practical solution
- Ideal for harsh, open environments
- Drought tolerant
- Simple installation
- Minimal maintenance

Simple installation process

The cassettes are designed to simply fit together to any formation required. Each cassette incorporates a drainage layer to aid capillary action and a filter layer to ensure that the substrate is not washed away. The lightweight substrate has been specifically developed for use in green roof installations with controlled levels of fertility to support sedum growth.



Technical drawings are available for all our green roof systems – contact your technical sales advisor for more details

Growing Media

gt Growlite

Manufactured exclusively for Green-tech by ICL Ltd. A high quality, lightweight, peat based product with excellent water retention values and boosted fertility.

Benefits:

- Weighs 350g/litre compared to 500g/litre for composts
- Average moisture content 65%, plus added wetting agent at 400ml/m³
- Contains water storage granules
- Additional 8 – 9 month controlled release fertiliser
- Contains a NPK starter fertiliser to aid quick establishment

Applications:

- Roof Garden projects
- Hanging basket compost
- Planters

Available in:



PAS100 Compost

PAS100 compost is a 100% recycled green compost product derived from surplus garden trimmings and local authority recycling contracts.

Benefits:

- Natural slow release of nutrient supply
- Improves soil structure
- Improved drainage reduces run off
- Better plant survival rate and growth
- Improved soil fertility
- Reduction in soil compaction
- Improves soil water holding capacity
- Increase in micro organisms
- 100% sustainable

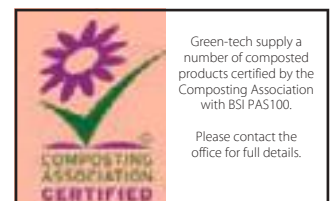
Applications:

- | | |
|------------------------------------|-----------------------------|
| • Landscape plantings | • Turf management |
| • Public parks and gardens | • Gardens and allotments |
| • Agriculture | • Lawns |
| • Land remediation/
reclamation | • Borders |
| • Growing media production | • Vegetable 'grow your own' |
| | • Domestic growing media |



1 tonne of
PAS100 Compost saves
the environment
700kg of greenhouse
gas emissions.*

Available in:



www.green-tree.co.uk your essential resource for top soils, substrates and growing media

*Source: Recycling Action Yorkshire

Growing Media

Composts



Product	Size	Units/ Pallet	1 Pallet	5 Pallets	10 Pallets
Humax Multipurpose Compost	60L	54	£3.95	£3.85	£3.65
Humax Ericaceous Compost	40L	80	£3.95	£3.85	£3.65
Humax John Innes No. 1	25L	78	£5.25	£4.95	£4.75
Humax John Innes No. 2	25L	78	£5.25	£4.95	£4.75
Humax John Innes No. 3	25L	78	£5.25	£4.95	£4.75

Soil Improvers

Rootmaster Soil Conditioner and Tree and Shrub Planting Compost

A compost medium to be added to improve soils. Adds organic matter increases nutrient content and aids water retention. Rootmaster is an organic material composite. Primary ingredients include chicken manure, straw, well rotted farmyard manure and some trace elements. all composted and blended together.

Product	Unit Size	Unit Price
Rootmaster Soil Conditioner & Tree & Shrub Planting Compost	80 litre	£3.95
GT Lecca – lightweight clay aggregate (5 – 8mm)	50 litre	£12.00
Vermiculite – holds many times its own weight in water	100 litre	£20.49
Perlite – improves aeration and drainage and has a neutral pH	100 litre	£20.49

Prices vary on application, quantities required and delivery destination. Please contact the team for more information.



Top Dressings and Loams

Top dressings are made from rounded and sub-rounded washed silica sand and sterilised loam and screened to 4mm. Application rate: 2 – 4kg/m².

Specific Cricket Loams are available on requests – subject to availability. Speak to your technical Sales Advisor for further details.

Rootzone top dressings (unsterilised) can be mixed to your own specification for every application. Construction materials (stone, gravel, screened soil) available - POA



For more information on our growing media range contact the Green-tech Technical Sales Team on 01423 332 100

Bark Mulches



Melcourt Mulches

The Melcourt range of mulches offers the designer, landscape contractor or gardener the widest choice available in terms of product type, quality, performance and durability.



Melcourt Ornamental Bark Mulch™ (5 – 35mm). Deluxe grade – available in polybags, bulk bags or loose bulk.



Spruce Ornamental Bark Mulch™ (5 – 35mm). Contract grade – available in polybags, bulk bags or loose bulk.



Contract Bark Mulch (1 – 65mm). Economy grade – available in loose bulk.

Melcourt Composts

Melcourt's range has been carefully formulated to deliver a wide range of soil improving and plant establishing benefits, ensuring successful, continued and healthy plant, tree and shrub growth.



Melcourt Topgrow™ (0 – 10mm) Deluxe grade.

Melcourt Play Products

Melcourt's LIAS range is based on sustainably produced bark, wood and sand and all conform to the examples of specifications set out in BS EN 1176 and 1177. Local authorities, schools and public play providers have successfully used products from the Melcourt range for many years, on both urban and rural sites.



Melcourt Playbark® 8/25 (8 – 25mm). Deluxe grade – available in polybags, bulk bags or loose bulk. Suitable for children under the age of 6 years.



Melcourt Playbark® 10/50 (10 – 50mm). Deluxe grade – available in polybags, bulk bags or loose bulk. Suitable for children over the age of 6 years.



Melcourt Kushyfall® (3 – 30mm). Contract grade – available in loose bulk only. Ideal for wheelchair users.



Melcourt Softwood Playchips® (5 – 40mm). Deluxe grade – available in polybags, bulk bags or loose bulk.

Conversion Chart

Depth of bark	Coverage/m ³	Coverage/70L bag
25mm	40.00m ²	2.8m ²
50mm	20.00m ²	1.4m ²
75mm	13.33m ²	0.93m ²
100mm	10.00m ²	0.7m ²
125mm	8.00m ²	0.56m ²
150mm	6.66m ²	0.46m ²
300mm	3.33m ²	0.23m ²

- Both bagged and loose bark are available on next day delivery
- Loose bark available in up to 80m³ loads dependant on the time of year
- Samples are available on request

Loose impact play surfaces are recommended to be installed at a depth of no less than 300mm. All products from the Melcourt range are available including walk surfaces, bio mulches and woodfibre. For further details please contact the office.

Loose bulk FSC upon request only.

Decorative Aggregates

Chippings and Gravel

Chippings and gravel provide low maintenance landscaping solutions and add vibrancy to gardens.



Golden Flint
6mm, 10mm and 20mm



Beige
14mm



Onyx
20mm



Staffordshire Pink
10mm, 14mm and 20mm



Cornish Granite
14mm



Cotswold Stone
10 – 20mm



Apricot
8 – 16mm



Green Granite
10mm, 14mm and 20mm



Merrygold Grit
6mm



Pea Gravel – 6mm, 10mm,
14mm and 20mm



Red Granite
10mm, 14mm and 20mm



White Dolomite
10mm and 20mm



Yorkshire Cream
15 – 30mm



Decorative Slate and Rockery

The many dimensions of slate can really bring a garden to life.
Available in 20mm, 40mm, 50 – 100mm and 250mm grades.



Blue Slate



Green Slate



Plum Slate



Cotswold Rockery
250mm grade only, 70 pieces/crate

All Decorative Aggregates
in the following bag sizes:



Call the technical Sales
Team for delivered prices
of Decorative Aggregates.

Decorative Aggregates

Pebbles, Cobbles and Boulders

Cobbles and pebbles can be used to enhance water features and provide a practical way to suppress weeds when used with a liner.

Pebbles



Tweed Pebbles
20 – 40mm



Oyster Pearl
10mm, 20mm and 40mm



White Pebbles
20 – 40mm and 40 – 90mm



Scottish Pebbles
14 – 20mm and 20 – 40mm

Cobbles



Tweed Cobbles
40 – 90mm



Scottish Cobbles
40 – 90mm

Self Binding Gravel

Gold Path



Goldpath provides a sympathetic, attractive rich golden surface, which is easy to lay and maintain. It's natural setting properties bind the gravel together when rolled, to provide a self compacted firm finished surface, which remains firmer under foot than conventional loose aggregate.

Goldpath's unique properties are suited to a wide spectrum of applications from domestic driveways, golf courses, sports surfaces and rural footpaths to large prestigious corporate and public sector projects that require a cost effective durable surface and which is easy to lay and maintain.

Horticultural Accessories

Horticultural Grit



For incorporation into landscape projects as a decorative top dressing.

- Assists drainage in compost mixes
- Use to construct paths, drives and rock gardens
- Use around water features
- 4 – 10mm nominal particle size
- Washed and lime-free



Horticultural Grit



For incorporation into landscape projects as a decorative top dressing.

- Assists drainage in compost mixes
- 1 – 4 mm nominal particle size
- Washed and lime-free



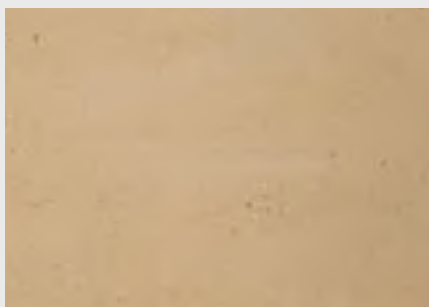
Construction Products

Sand



Sharp Sand

- Improves texture and drainage in seed and cutting compost
- Ideal to use when laying paving and patio slabs
- 0 – 3mm nominal particle size
- Washed and lime-free



Silver Sand

- Improves texture and drainage in seed and cutting compost
- Blend 50/50 with Topsoil to make lawn dressing
- 0 – 2mm nominal particle size
- Washed, dried and lime-free



Play Sand

A natural white silica sand that has been washed and screened.

- An effective outdoor loose impact absorbing surface for use under play equipment, for sand play areas, as well as athletic facilities
- Nominal particle size 0.25-0.50mm
- Tested in accordance with BS EN 1176 and 1177
- Tested in accordance with BS EN 71-1- 3 (Safety of Toys)



Postmix Concrete

- Postmix Concrete is a high quality pre-mixed formulation specifically designed for the fast setting of wooden, concrete and metal fence posts.
- Ready to use, just add water.
- Sets posts in 5 – 10 minutes.
- Fast setting for fence posts, gate posts, pergolas, rotary washing lines and garden ornaments.
- Single bag solution one bag for one post
- Mix with water as instructed.



Brands of postmix concrete will vary with availability.

Bag size	Price/bag
20kg	£4.95

Gabion Stones

Selected clean stone for use in gabion cages in retaining wall construction and hand placing in river revetments and embankments. POA

Boulders



Scottish Boulders
300 – 500mm,
20 pieces/crate



For more information contact the
Green-tech Technical Sales Team
on 01423 332 100

Wildflower Seed and Conservation

John Chambers Wildflower Seed



John Chambers is the leading brand of British native wildflower seed in the UK, supplying only high quality, hand cleaned seed to Landscape Architects, Contractors and Garden Designers. The team behind John Chambers take pride in the quality of seed that is supplied whether as part of a mix for an urban landscape project or as a single species for a country garden design.

Selecting the correct wildflowers for a project can be a daunting task, at John Chambers the team has researched soil types, environmental considerations and flowering periods of each individual stocked seed to provide the best possible advice. We have developed a portfolio of wildflower seed mixtures that are specifically suited to particular growing environments and soil types, producing healthy blooms and a balanced mix of flowers.



Wildflower Site Preparation

The site should be weed free. Annual weeds should be controlled by mechanical means or by the use of contact based herbicide. Perennial weeds, for example docks thistle, nettles and couch grass can be dealt with using a translocated herbicide such as Round-Up. Cultivate to achieve a fine seed bed, sow seed mix and then roll to ensure firmness. The best results are obtained when there is good contact between the soil and the seeds.

Sowing Times

Sowing can best be achieved by mixing the seed with dry sand, dry sifted topsoil or sawdust and evenly broadcast. It is important that the seed is in contact with moisture in the soil so the seedbed should be lightly raked and then rolled.

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Sowing Possible							
Optimum Sowing Possible						Optimum Sowing Possible	

Sowing Rates

100% Wildflower Mixes: 2g/m²
Grass and Wildflower Seed Mixes: 5g/m²

Professional Range

A range of wildflower seed for the professional installer, the Pro-range provides a series of mixes that have been modified to include more commonly found species to suit a wide variety of growing conditions. These mixes provide the professional installer with a beautiful wildflower habitat, encouraging biodiversity in urban landscapes and is backed up by the John Chambers promise of superior quality wildflower seed for your project.



Product code	Product and species mix	Price/kg	
		100% wildflower seed	80% grass seed
130JC8000	John Chambers Pro Clay Soils Mixture – Autumn Hawkbit, Betony, Common Bird's Foot Trefoil, Common Poppy, Cowslip, Goat's-Rue, Lady's Bedstraw, Common Knapweed, Meadow Buttercup, Meadow Vetchling, Musk Mallow, Oxeye Daisy, Ragged-Robin, Ribwort Plantain, Selfheal, Common Sorrel, White Campion, Wild Carrot, Yarrow, Yellow-Rattle, Wild Clary	£145.00	£38.00
130JC8001	John Chambers Pro Calcareous Soils Mixture – Common Bird's Foot Trefoil, Common Vetch, Common Poppy, Cowslip, Dropwort, Kidney Vetch, Lady's Bedstraw, Meadow Buttercup, Meadow Crane's-bill, Musk Mallow, Oxeye Daisy, Ribwort Plantain, Salad Burnet, Selfheal, Common Sorrel, Small Scabious, Wild Carrot, Wild Marjoram	£147.00	£39.00
130JC8002	John Chambers Pro Acid Soils Mixture – Autumn Hawkbit, Common Bird's Foot Trefoil, Common Poppy, Cowslip, Lady's Bedstraw, Meadow Buttercup, Musk Mallow, Oxeye Daisy, Ribwort Plantain, Selfheal, White Campion, Betony, Common Knapweed, Common Sorrel, Goat's-Rue, Meadow Vetchling, Ragged Robin	£142.00	£36.00
130JC8003	John Chambers Pro Loam Soils Mixture – Common Bird's Foot Trefoil, Common Poppy, Cowslip, Field Scabious, Lady's Bedstraw, Common Knapweed, Meadow Buttercup, Musk Mallow, Oxeye Daisy, Ribwort Plantain, Salad Burnet, Selfheal, Common Sorrel, Wild Carrot, Yarrow, Yellow-Rattle	£125.00	£32.00
130JC8004	John Chambers Pro Sandy Soils Mixture – Agrimony, Meadow Crane's-Bill, Common Bird's Foot Trefoil, Common Poppy, Kidney Vetch, Lady's Bedstraw, Meadow Buttercup, Musk Mallow, Oxeye Daisy, Ribwort Plantain, Selfheal, Common Sorrel, Wild Carrot, Yarrow, Yellow-Rattle, Dark Mullein	£145.00	£38.00
130JC8005	John Chambers Pro Wet and Moist Soils Mixture – Greater Bird's Foot Trefoil, Meadow Buttercup, Meadowsweet, Purple Loosestrife, Ragged-Robin, Red Campion, Selfheal, Teasel, Water Avens, Yellow Iris, Gipsywort	£147.00	£39.00
130JC8006	John Chambers Pro Hedgerows Mixture – Bluebell, Agrimony, Common Vetch, Hedge Bedstraw, Meadow Buttercup, Oxeye Daisy, Ragged-Robin, Red Campion, Ribwort Plantain, Selfheal, Common Sorrel, Sweet Cicely, Wild Angelica, White Campion, Foxglove, Garlic Mustard, Yarrow, Yellow-Rattle, Upright Hedge-Parsley, Dark Mullein	£157.00	£42.00
130JC8007	John Chambers Pro Woodland/Shaded Areas – Bluebell, Agrimony, Hedge Bedstraw, Garlic Mustard, Hedge Woundwort, Wood Avens, Ragged-Robin, Red Campion, Selfheal, Sweet Cicely, Common Poppy, Wild Angelica, Foxglove, Wood Sage, Nettle-leaved Bellflower, Common St John's Wort, Upright Hedge-Parsley	£152.00	£40.00
130JC3149	John Chambers Pro Basic 8 – Lady's Bedstraw, Salad Burnet, Meadow Buttercup, Oxeye Daisy, Black Medick, Ribwort Plantain, Selfheal, Yarrow	£79.00	£22.00
130JC3150	John Chambers Pro Basic 12 – Lady's Bedstraw, Common Bird's Foot Trefoil, Salad Burnet, Meadow Buttercup, White Campion, Wild Carrot, Oxeye Daisy, Black Medick, Ribwort Plantain, Selfheal, Yarrow, Common Sorrel	£99.00	£26.00
130JC3151	John Chambers Pro Basic 16 – Lady's Bedstraw, Common Bird's Foot Trefoil, Salad Burnet, Meadow Buttercup, White Campion, Wild Carrot, Oxeye Daisy, Common Knapweed, Black Medick, Ribwort Plantain, Selfheal, Yellow-Rattle, Yarrow, Common Sorrel, Red Campion, Kidney Vetch	£119.00	£30.00
130JC3152	John Chambers Pro Basic 20 – Lady's Bedstraw, Common Bird's Foot Trefoil, Salad Burnet, Meadow Buttercup, White Campion, Wild Carrot, Cowslip, Oxeye Daisy, Common Dandelion, Common Knapweed, Greater Knapweed, Black Medick, Hoary Plantain, Ribwort Plantain, Selfheal, Yellow-Rattle, Yarrow, Common Sorrel, Kidney Vetch, Common Vetch	£159.00	£38.00
130JC3153	John Chambers Pro Basic 25 – Lady's Bedstraw, Common Bird's Foot Trefoil, Salad Burnet, Meadow Buttercup, White Campion, Wild Carrot, Cowslip, Oxeye Daisy, Common Dandelion, Common Knapweed, Greater Knapweed, Black Medick, Hoary Plantain, Ribwort Plantain, Selfheal, Yellow-Rattle, Yarrow, Common Sorrel, Kidney Vetch, Common Vetch, Red Campion, Red Clover, Harebell, Mallow Musk, Field Scabious	£179.00	£43.00
130JC3160	John Chambers Pro Cornfield Annuals Mix – Buttercup, White Campion, Corncockle, Cornflower, Corn Chamomile, Field Forget-me-not, Corn Marigold, Scentless Chamomile, Common Poppy, Field Pansy	£75.00	N/A
130JC3161	John Chambers Pro Cornfield Annuals Rich Mix – Meadow Buttercup, White Campion, Corn Chamomile, Scentless Chamomile, Charlock, Corncockle, Cornflower, Field Forget-me-not, Corn Marigold, Field Pansy, Wild Pansy, Common Poppy, Common Vetch, Tufted Vetch, Common Fumitory	£145.00	N/A
130JC4139	John Chambers Pro Coastal Mixture – Lady's Bedstraw, Sea Campion, Wild Carrot, Cat's Ear, Oxeye Daisy, Common Evening Primrose, Common Knapweed, Greater Knapweed, Common St John's Wort, Common Toadflax, Kidney Vetch, Viper's bugloss, Yarrow, Common Bird's Foot Trefoil, Corn Marigold, Common Poppy, Bladder Campion, Yellow Horned-Poppy	£189.00	£47.00

Species subject to change without notice due to availability.

Heritage Range

The Heritage Range of Wildflower Seed from John Chambers, is a portfolio of British native mixes that have been developed and planted by landscapers, architects and garden designers over a 35 year history. Renowned for the quality of its seed, the Heritage range retains the original recipes created by the business founder John Chambers. All seed supplied is of optimum quality, will provide exceptional germination and is cleaned by hand ensuring that only pure and uncontaminated seed arrives at your project.

Certificate of Authenticity

Every Heritage mix supplied can be accompanied by a certificate of authenticity, listing the species, origin and recipe for your mixture. This certificate is an integral part of the John Chambers quality management process, ensuring that the wildflower seed as specified arrives on site, providing peace of mind for the specifier, installer and client.



Product code	Product and species mix	Price/kg	
		100% wildflower seed	80% grass seed
130JC3110	John Chambers Heritage Woodland/Shaded Areas – Agrimony, Wild Angelica, Wood Avens, Hedge Bedstraw, Nettle-leaved Bellflower, Betony, Bluebell, Red Campion, Columbine, Foxglove, Common Hemp Nettle, Meadowsweet, Garlic Mustard, Primrose, Ragged-Robin, Ramsoms, Wood Sage, Selfheal, St John's Wort, Greater Stitchwort, Tufted Vetch, Hedge Woundwort, Upright Hedge-Parsley	£279.00	£69.00
130JC3111	John Chambers Heritage Hedgerow/Woodland-Edge – Wood Avens, Hedge Bedstraw, Nettle-leaved Bellflower, Betony, Red Campion, Meadow Crane's-bill, Cowslip, Oxeye Daisy, Common Dandelion, Foxglove, Common Knapweed, Common Mallow, Great Mullein, Garlic Mustard, Common St John's Wort, Selfheal, Teasel, Hedge Woundwort, Yarrow, Rough Chervil	£229.00	£57.00
130JC3112	John Chambers Heritage Wetland Areas – Wild Angelica, Water Avens, Greater Bird's Foot Trefoil, Meadow Buttercup, Red Campion, Common Fleabane, Hedge Bedstraw, Hemp-Agrimony, Yellow Iris, Meadowsweet, Purple Loosestrife, Ragged-Robin, Square-stalked St John's Wort, Devil's-bit Scabious, Selfheal, Tufted Vetch, Sneezewort, Gipsywort	£229.00	£57.00
130JC3113	John Chambers Heritage Butterfly Meadow Mix – Common Bird's Foot Trefoil, Red Campion, White Campion, Red Clover, Oxeye Daisy, Common Dandelion, Hemp-Agrimony, Common Knapweed, Greater Knapweed, Wild Marjoram, Black Medick, Yellow Melilot, Garlic Mustard, Musk Mallow, Devil's-bit Scabious, Field Scabious, Small Scabious, Selfheal, Soapwort, Red Valerian, Common Vetch, Kidney Vetch, Wild Pansy, Viper's Bugloss, Wild Mignonette, Teasel, Corn Chamomile, Cornflower, Dame's Violet	£259.00	£65.00
130JC3114	John Chambers Heritage Early Flowering Mix – Common Bird's Foot Trefoil, Salad Burnet, Meadow Buttercup, Red Campion, White Campion, Cat's Ear, Red Clover, Cowslip, Common Daisy, Oxeye Daisy, Common Dandelion, Field Forget-me-not, Black Medick, Common Mouse-Ear, Garlic Mustard, Wild Pansy, Hoary Plantain, Ragged-Robin, White Clover, Common Sorrel, Heath Speedwell, Common Vetch, Kidney Vetch, Yellow-Rattle, Wild Mignonette, Sainfoin	£229.00	£57.00
130JC3115	John Chambers Heritage Late Flowering Mix – Agrimony, Wild Basil, Hedge Bedstraw, Lady's Bedstraw, Clustered Bellflower, Common Bird's Foot Trefoil, Meadow Buttercup, Wild Carrot, Common Daisy, Oxeye Daisy, Harebell, Autumn Hawkbit, Common Knapweed, Greater Knapweed, Wild Marjoram, Black Medick, Ribwort Plantain, Common St John's Wort, Field Scabious, Small Scabious, Selfheal, Common Vetch, Kidney Vetch, Wild Mignonette, Yarrow, Common Evening Primrose, Soapwort	£229.00	£57.00
130JC3116	John Chambers Heritage Acid Soils – Common Vetch, Bluebell, Corn Marigold, Tufted Vetch, Chicory, White Clover, Cornflower, Field Poppy, Common Bird's-foot-trefoil, Heather, Lesser Trefoil, Common Fumitory, Common St. John's Wort, Devil's-bit Scabious, Betony, Foxglove, Teasel, Wild Pansy, Harebell, Common Daisy, Tormentil	£229.00	£57.00
130JC3117	John Chambers Heritage Calcareous Soils – Agrimony, Wild Basil, Lady's Bedstraw, Common Bird's Foot Trefoil, Salad Burnet, Wild Carrot, Cowslip, Oxeye Daisy, Rough Hawkbit, Common Knapweed, Greater Knapweed, Black Medick, Wild Mignonette, Hoary Plantain, Field Scabious, Small Scabious, Selfheal, Kidney Vetch, Yarrow, Yellow-Rattle	£229.00	£57.00

Species subject to change without notice due to availability.

Heritage Range

Product code	Product and species mix	Price/kg	
		100% wildflower seed	80% grass seed
130JC3118	John Chambers Heritage Clay Soils – Lady's Bedstraw, Common Bird's Foot Trefoil, Salad Burnet, Meadow Buttercup, Meadow Crane's-bill, Wild Carrot, Cat's Ear, Cowslip, Oxeye Daisy, Rough Hawkbit, Common Knapweed, Greater Knapweed, Black Medick, Hoary Plantain, Ribwort Plantain, Selfheal, Common Sorrel, Kidney Vetch, Yarrow, Yellow-Rattle	£229.00	£57.00
130JC3119	John Chambers Heritage Loam Soils – Lady's Bedstraw, Common Bird's Foot Trefoil, Salad Burnet, Meadow Buttercup, White Campion, Wild Carrot, Cat's Ear, Cowslip, Oxeye Daisy, Common Dandelion, Common Knapweed, Black Medick, Common Mouse-Ear, Hoary Plantain, Ribwort Plantain, Ragged-Robin, Selfheal, Common Sorrel, Yarrow, Yellow-Rattle	£199.00	£49.00
130JC3121	John Chambers Heritage Sandy Soils – Lady's Bedstraw, Common Bird's Foot Trefoil, Bladder Campion, Wild Carrot, Oxeye Daisy, Common Dandelion, Field Forget-me-not, Rough Hawkbit, Common Knapweed, Musk Mallow, Black Medick, Wild Mignonette, Hoary Plantain, Common St John's Wort, Selfheal, Kidney Vetch, Viper's bugloss, Yarrow, Yellow-Rattle, Weld	£219.00	£53.00
130JC3123	John Chambers Heritage Wet and Damp Soils – Wild Angelica, Water Avens, Common Bird's Foot Trefoil, Meadow Buttercup, Red Campion, Common Figwort, Common Fleabane, Gipsywort, Hemp-Agrimony, Common Hemp-Nettle, Yellow Iris, Meadowsweet, Musk Mallow, Purple Loosestrife, Ragged-Robin, Ramsons, Square-stalked St John's Wort, Devil's-bit Scabious, Sneezewort, Tufted Vetch, Columbine	£279.00	£69.00
130JC3124	John Chambers Heritage Flowering Lawn Mix – Lady's Bedstraw, Common Bird's Foot Trefoil, Bulbous Buttercup, Cat's Ear, Red Clover, White Clover, Cowslip, Common Daisy, Common Dandelion, Harebell, Autumn Hawkbit, Rough Hawkbit, Black Medick, Common Mouse-Ear, Field Pansy, Wild Pansy, Hoary Plantain, Selfheal, Common Speedwell, Germander Speedwell, Thrift, Wild Thyme, Kidney Vetch, Yarrow, Yellow-Rattle	£279.00	£69.00
130JC3188	John Chambers Heritage Coastal Areas – Wild Parsnip, Common Knapweed, Wild Carrot, Common Evening Primrose, Kidney Vetch, Common Bird's-foot-trefoil, Vipers Bugloss, Lady's Bedstraw, Oxeye Daisy, Bladder Campion, Cat's Ear, Hound's Tongue, Greater Knapweed, Ribwort Plantain, Foxglove, Sea Plantain, Sea Campion, Common St. John's Wort, Common Toadflax, Common Centaury, Tansy, Thrift, Harebell, Wild Thyme	£369.00	£92.00

Impact Range

Native and cultivated species

A range of vibrant and colourful wildflower seed mixes that will become a feature of any landscaping project. The Impact range is designed to complement urban landscapes and especially wildflower areas that appear within hard landscaped projects. These wildflower mixes provide an excellent balance of colour, height and flowering periods ensuring the seed supplied will live up to expectations.



Product code	Product and species mix	Annuals/Perennials	100% wildflower seed per kg
130JC3138	John Chambers Impact Classic Colour Mix – includes Shirley & Californian Poppy, Cornflower, Fairy Toadflax, Tickseed, Red Orache, Larkspur	Annuals	£199.00
130JC3137	John Chambers Impact Classic Colour 'Low Growing' Mix – includes: Shirley Poppy, Red Flax, Cornflower, Fairy Toadflax, Dwarf Tickseed	Annuals	£189.00
130JC3144	John Chambers Impact Sunray Mix – includes: Californian Poppy, African Daisy, Golden Tickseed, Corn Marigold, Cornflower	Annuals	£189.00
130JC3130	John Chambers Impact Blue Vista Mix – includes: Cornflower, Blue Salvia, Blue Larkspur, Viper's Bugloss	Annuals	£189.00
130JC4153	John Chambers Impact Sweet Shop Mix – includes: Tickseed, Fairy Toadflax, Field Poppy, Californian Poppy, Cornflower, Corn Marigold	Annuals	£189.00
130JC3136	John Chambers Impact Violet Heart Mix – includes: Greater Knapweed, Field Scabious, Oxeye Daisy, Purple Loosestrife, Grandmother's Garden, Purple Coneflower, Perennial Flax	Both	£409.00
130JC3131	John Chambers Impact Fields Of Gold Mix – includes Achillia 'Cloth of Gold', Coreopsis, St John's Wort, Lady's Bedstraw, Buttercup, Rudbeckia, Purple Coneflower	Both	£409.00

Species subject to change without notice due to availability.

UK Native Wildflower Bulbs

Autumn Bulbs

Available from late August to mid November

Name	Latin Name	100 Bulbs	1000 Bulbs
Wild Garlic	Allium ursinum	£26.00	£220.00
Wood Anemone	Anemone nemorosa	£22.00	£180.00
Cyclamen	Cyclamen coum	£90.00	£760.00
Cyclamen	Cyclamen hederifolium	£84.00	£700.00
Winter Aconite	Eranthis hyemalis	£15.00	£130.00
Snakeshead Lily	Fritillaria meleagris	£12.00	£100.00
Common Snowdrop	Galanthus nivalis single	£15.00	£130.00
Double Snowdrop	Galanthus nivalis double	£36.00	£300.00
English Bluebell	Hyacinthoides non-scripta	£30.00	£260.00
Tenby Daffodil	Narcissus obvallaris	£28.00	£240.00
Lent Lily	Narcissus pseudonarcissi lobularis	£19.00	£160.00



Spring 'In the Green' Bulbs

Available from mid February throughout spring when the bulbs are producing foliage. Great for quick establishment and floral results.

Name	Latin Name	100 Bulbs	1000 Bulbs
Wild Garlic	Allium ursinum	£30.00	£260.00
Wood Anemone	Anemone nemorosa	£34.00	£300.00
Winter Aconite	Eranthis hyemalis	£30.00	£260.00
Common Snowdrop	Galanthus nivalis single	£16.00	£140.00
Double Snowdrop	Galanthus nivalis double	£24.00	£220.00
English Bluebell	Hyacinthoides non-scripta	£30.00	£260.00
Lent Lily	Narcissus pseudonarcissi lobularis	£40.00	£360.00
Lily of the Valley	Convallaria majalis	£44.00	£400.00



Compass Ley Mixtures

Supreme – Long Term

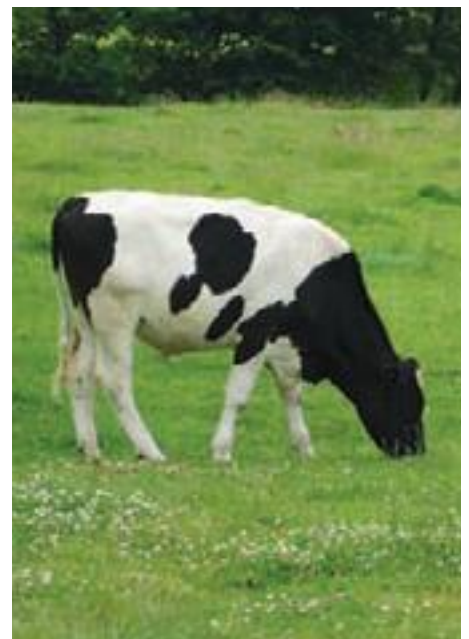
Mix	Pack Size	Price
9% Perennial ryegrass - Mid 15% Perennial ryegrass - Mid 24% Perennial ryegrass - Mid	14kg Acre Pack	£71.50

Heavy Crop – Medium Term

Mix	Pack Size	Price
19% Perennial ryegrass - Early 19% Perennial ryegrass - Early	14kg Acre Pack	£52.20

Equi-Graze

Mix	Pack Size	Price
20% Perennial ryegrass - Early 27% Perennial ryegrass - Mid 27% Perennial ryegrass - Late	14kg Acre Pack	£68.00



Wildlife and Insect Habitats Professional Range

The Green-tech range of Professional Range of Wildlife and Insect Habitats are ideal for the professional installer. The range is one of the most comprehensive in the industry including specified habitats for commercial projects.



Conservation Nest Box

A truly multi-species nestbox, it meets recognised standards for bird care. This quality nestbox features a contrasting painted front panel (water-based), naturally durable solid FSC certified timber throughout. It features a universal 32mm stainless steel hole protector over a 32mm drilled hole. As an alternative, the upper front panel may be removed to convert to an open-front bird box.

Size (H x W x D)	Weight	Price
300mm x 160mm x 200mm	1.3kg	£29.99



Eco Nest Box

A low-cost nesting box for small hole nesting species such as blue tits, coal tits, tree sparrows etc. The design of the box has been kept traditionally simple yet offers various features found on more expensive products.

- FSC timber from well-managed forests
 - Durable slow-seasoned timber negates the need to use chemical preservatives
 - Rear inspection hatch
 - Pre-drilled back plate for easy installation
- Affordable and environmentally friendly nestbox.

Size (H x W x D)	Weight	Price
300mm x 130mm x 115mm	0.6kg	£12.00



Barn Owl Nest Box

- Recycled plastic upper and lower hanging/fixing plates
- Generous sized front platform and flat roof top for landing area/ fledgling wing exercise
- Deep interior space for chick safety
- Large front inspection door with bolt
- Drilled floor for drainage/ventilation
- Fitted with camera clip (a camera is a legal way to monitor this protected species without disturbing them)

Size (H x W x D)	Weight	Price
670mm x 570mm x 490mm	11.2kg	£214.20



Premium Camera Nest Box System

The Premium Camera box contains a very high specification colour and infrared camera unit in its own housing which is portable and can be used in other locations.

The CMOS colour/infrared camera operates in high quality colour during daylight and then switches to black and white in low light/darkness. The nest box has a side window to increase light into the box and boost camera performance.

The high specification camera is not fully waterproof so should not be used outdoors without its housing.

- Camera type: CMOS
- Differentiating rate: 650 TV Line
- Voltage rating: 12 volt
- Camera dimensions (H x W x D): 40mm x 40mm x 20mm
- 3 core cable length: 30 metre

Size (H x W x D)	Weight	Price
480mm x 230mm x 230mm	4.7kg	£144.00

Wildlife and Insect Habitats

Professional Range



Conservation Sparrow Nester

This high specification nest box is designed with pro-landscapers and conservation professionals in mind. Sparrows are communal nesters and this nestbox is designed to combine three individual nesting areas.

- 32mm hole protector on each box
- Hinged opening front secured with easy-to-use threaded wingnuts
- Stylish finish with soft green paint to look good as well being functional
- Extra strong recycled plastic hanging brackets

Size (H x W x D)	Weight	Price
240mm x 480mm x 160mm	3.5kg	£93.33



NEW

Predator Resist Nestbox

Strong and extra deep nestbox for added protection from predators such as cats, rats and woodpeckers.

Made from solid FSC certified timber with a water-based green painted roof and a 32mm hole protector suitable for small hole nesting species up to the size of Great Tits.

Size (H x W x D)	Weight	Price
250mm x 190mm x 170mm	1.35kg	£28.00



Conservation Solitary Beehive

The 'Conservation Solitary Beehive' is one of a range of new products designed not only for function, but to present a marriage of high quality, solid, robust construction with attractive styling.

On either side of the solitary beehive are professional stackable beehive trays. These are secured using retractable threaded screws accessed via the lifting lid. The stackable trays allow larvae inspection for the purpose of monitoring and parasite control.

Size (H x W x D)	Weight	Price
275mm x 520mm x 260mm	4.25kg	£182.00

NEW



Swallow Nesting Bowl



House Martin Nesting Bowl

Nesting Bowls

Grey unglazed ceramic with FSC certified timber mounting board.

The design replicates the shape and form of natural swallow or house martin nests. The house martin option has a rougher texture to the bowl and the entrance scoop is in a central position.

For swallows the bowl should be mounted high up inside the outbuilding with easy access to the outdoors, using the pre-drilled holes in the wooden back plate.

For house martins the bowl should be mounted high up on the building, tight to the eaves or under guttering using the pre-drilled holes in the wooden back plate. The ideal direction is north or east facing.

Once installed, it should be maintenance free and you can look forward looking up to see the gaping mouths of the young as they wait for returning adults.

Type	Size (H x W x D)	Weight	Price
Swallow Nesting Bowl	130 mm x 210mm x 120mm	0.65kg	£13.95
House Martin Nesting Bowl	130 mm x 210mm x 120mm	0.65kg	£13.95

Wildlife and Insect Habitats Professional Range



Vincent Pro Bat Box

The Vincent Wildlife Trust has been pioneering mammal conservation for 40 years. It manages 40 priority bat roosts, many of international significance, and delivers conservation education and monitoring.

- Designed by one of the UK's leading bat researchers, Colin J Morris.
- Highly effective bat box proven with at least 7 species – Barbastelle, Leislars, Common pipistrelle, Soprano pipistrelle, Brown long-eared, Natterers and Whiskered.
- Comparative trials show excellent performance and occupancy rates.
- Vertical chambers with varying size options for different species and different temperature zones.
- Rough landing surface with access ladder.
- Reduced cleaning requirements as droppings fall to ground.
- Dark roof/front elevation to absorb heat
- Sturdy durable FSC timber.
- £1 donation given to The Vincent Wildlife Trust for each box sold to support conservation and research.

Size (H x W x D)	Weight	Price
720mm x 180mm x 235mm	4.1kg	£59.00

Ideally bat boxes should be sited at least 4 meters high, with several boxes facing in different directions to provide a range of conditions.



Conservation Bat Box

The Conservation Bat Box is a high-specification habitat. It has twin vertical chambers with angled cut-away front showing ladder style grooves, allowing the bat to climb into the preferred chamber.

It is handmade from solid, untreated, durable FSC timber which provides longevity and excellent insulation. The design is approved for use by The Bat Conservation Trust.

Size (H x W x D)	Weight	Price
450mm x 330mm x 140mm	2.4kg	£49.99



Original Bat Box with Double Chamber

Made from solid, high quality, durable FSC timber it provides longevity and excellent insulation. The narrow entrance slot and strong timber help to discourage predators. A swing panel allows for cleaning, if required by a licensed bat worker.

Size (H x W x D)	Weight	Price
280mm x 160mm x 160mm	1.6kg	£23.20



Chavenage Bat Box

- Good, basic, inexpensive single chamber box.
- Rough internals and external ladder.
- Sturdy FSC certified timber construction.
- Cleaning access possible at base by removing single screw (licence holders only if bats present).

Size (H x W x D)	Weight	Price
430mm x 180mm x 164mm	1.81kg	£19.95



Bat Rack

A simple yet very effective solution to offering free-hanging bat species an easy roosting point. Constructions with rough sawn, untreated FSC certified timber.

- Easy installation via pre-drilled holes.
- Suitable for any roof space where bats have uninterrupted access.
- Best positioned following the angle of a gable, but could be used in a flat roof also.
- Multiple panels can be sited together.

Size (H x W x D)	Weight	Price
285mm x 285mm x 30mm	0.85kg	£13.95

Urban Habitat Range

A contemporary range of wildlife habitats with sleek design to suit the urban environment. They are constructed using a combination of ultra modern material and FSC timber and offer two different hanging positions – square on or diamond.



Urban Bird Feeder Box

The interior cassette is made entirely from recycled plastic for superior bird hygiene. The cassette is simply pulled out of the outer casing and the sliding panel of the inner may be removed for cleaning and refilling. The entrance hole is encircled by a large stainless steel hole protector. The feeder is supplied with an additional perch which clips into the stainless steel ring.

Size (H x W x D)	Weight	Price
160mm x 160mm x 155mm	1.0kg	£22.49



Urban Nest Box

Made from natural FSC timber the interior is great for warmth and breathability. This inner wooden bird box may be removed and has a sliding panel at the rear for access and cleaning. The nestbox entrance hole is protected with a crisp stainless steel 32mm hole protector.

Size (H x W x D)	Weight	Price
160mm x 160mm x 155mm	0.9kg	£22.49



Urban Bee Nester

The removable inner cassette of the bee nester is made from natural FSC timber and drilled canes. The selected canes and the holes are the optimum size for solitary bees but other insects may overwinter in the cassette. Solitary bees are fantastic for flower and garden pollination and have a fascinating life cycle which you can observe by installing this bee nester.

The Urban Bee Nester should ideally be hung in a warm sunny position, preferably to catch a little morning sun. Facing South/South East is perfect. Ideal height between 0.75m and 1.5m above ground.

Size (H x W x D)	Weight	Price
160mm x 160mm x 155mm	1.5kg	£22.49



Urban Insect Hotel

The removable inner cassette of the bee insect hotel is made from natural FSC timber and slotted overwintering chambers. Additional natural materials such as drilled canes, hollow stems or bark may be introduced in the triangular spaces to customise your boutique insect hotel.

Size (H x W x D)	Weight	Price
160mm x 160mm x 155mm	1.4kg	£22.49



Wildlife and Insect Habitats Domestic Range

The Green-tech range of Domestic Range of Wildlife and Insect Habitats are perfect the serious by adding biodiversity and interest to domestic garden projects.



Pollinating Bee Log

Our Pollinating Bee Log is made from an air dried natural FSC timber log with natural bark which gives good insulation to the developing larvae inside the tubes and means you do not need to move the log indoors during winter. Being a natural product the appearance may vary.

Size (H x W x D)	Weight	Price
160mm x 190mm x 160mm	1.5kg	£16.50



Bee & Bug Biome

Bee & Bug Biome is an attractive bee and bug habitat that provides a home for solitary bees, ladybirds and other beneficial insects such as lacewings. These either provide the vital role of pollination in your garden or are great at predator control, munching through aphids and the like.

The biome is manufactured from durable natural FSC timber, and painted in an attractive soft green water based paint.

Size (H x W x D)	Weight	Price
240mm x 170mm x 105mm	1.0kg	£23.33



Butterfly Biome

In summer use the habitat as a butterfly feeder with the nectar feeding tray folded down to allow butterfly food and sweet ripe fruit to be served to your butterflies. In winter the tray can be folded up to make a cosy over-wintering home for non-migratory butterflies.

Size (H x W x D)	Weight	Price
245mm x 240mm x 180mm	0.62kg	£26.99



New England Nest Box

Each house features real shingle roofs and lap board sides and a silvered hole protector. Perfect for small bird species such as blue tits, coal tits, marsh tits etc and a delightful addition to your garden.

The nestbox should be sited on a tree, wall or garden fitting at least 1.5m – 2.5m above the ground. Preferably in a place where it cannot be accessed by cats and predators.

Colours: Blue, Green, Yellow.

Size (H x W x D)	Weight	Price
250mm x 200mm x 180mm	0.65kg	£15.00

Wild Bird Seed and Poultry Seed

Mixes



Standard Wild Bird Food	20kg	£10.99
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Deluxe Wild Bird Food	20kg	£12.99
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Premium Wild Bird Food	20kg	£16.62
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Robin & Songbird Wild Bird Food	20kg	£17.75
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No Mess Wild Bird Food	15kg	£18.75
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High Energy Wild Bird Food	13kg	£11.79
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Superior Insect Mix	20kg	£18.75
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Poultry & Pigeon Seed



Mixed Poultry Corn	20kg	£7.90
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4 Seasons Pigeon Corn	20kg	£11.75
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Straights

Product	Size/Qty	Price
Peanuts	12.55kg	£24.47
	25kg	£47.50
Striped Sunflower Seeds	12.55kg	£19.88
	25kg	£26.25
Sunflower Hearts	12.55kg	£22.49
	25kg	£43.55
Black Sunflower Hearts	15kg	£27.50
Niger Seeds	12.55kg	£20.51
	25kg	£40.00
Mealworms	10kg	£99.00
Fat Balls (Netted)	100	£13.13
Fat Filled Coconut Halves	24	£15.00





gt Green Screens Instant Screening

In stock with next day delivery available*

The latest evolution in green screening is now available exclusively from Green-tech. Simply inserted into the ground without the requirement for pot or planter removal our green screens are set to revolutionise the landscape industry.

Specifications

gt Green Screens	Galvanised grid
Mesh dimensions	150mm
Wire thickness	5mm
Screen dimensions (w x h)	1.2m x 1m 1.2m x 1.8m 1.2m x 3m
Plant type	Hedera Hibernica
Weight	30kg (approx.)

Specially selected growing media incorporates a controlled release fertiliser and wetting agents to aid rapid establishment.

- **Cost effective**
- **Simple and quick to install**
- **Various heights available**
- **Perfect for indoor or outdoor schemes**
- **Low maintenance**
- **A security fencing solution**
- **Excellent environment credentials**
- **Fixing brackets available**

Next day delivery is subject to availability, delivery location and time of order.

**Complete your project with our
bespoke planters – ask for full details**





Grass Seed



For Landscaped Areas




Landscaping with Rye

Landscaping grass seed with rye for general purpose/amenity. Used by landscapers across the UK. 35g/m².

Size	1+	10+	20+
20kg	£58.00	£53.50	£49.00
Dwarf Turf Perennial Ryegrass	Strong Creeping Red Fescue		
Dwarf Turf Perennial Ryegrass			
 5	 3	 3	 3
	 3		






Landscaping without Rye

Grass seed for general purpose/amenity. High quality landscape grade grass seed. 35g/m².

Size	1+	10+	20+
20kg	£72.00	£66.00	£62.00
Strong Creeping Red Fescue	Chewings Fescue	Slender Creeping Fescue	
 3	 4	 3	 4
 4			






Utility

Suitable for general landscaping areas, lawns and parks. 35g/m².

Size	1+	10+	20+
20kg	£73.25	£67.00	£65.00
10kg	£39.25	£36.00	£35.25
Amenity PRG		Browntop Bent	
Slender Creeping Red Fescue		Amenity PRG	
Strong Creeping Red Fescue			
<div><div> 4</div><div> 3</div><div> 3</div><div> 4</div><div> 3</div></div>			






Low Maintenance

Country parks and nature reserves. 25-35g/m².

Size	1+	10+	20+
20kg	£80.00	£75.25	£72.00
10kg	£39.50	£37.50	£35.95
Amenity PRG		Hard Fescue	
Strong Creeping Red Fescue		Browntop Bent	
Chewings Fescue			
<div><div> 3</div><div> 4</div><div> 3</div><div> 3</div><div> 5</div></div>			






Suburban

Back lawns, utility areas, housing estates, cricket outfields. 35g/m².

Size	1+	10+	20+
20kg	£74.00	£63.00	£62.00
10kg	£39.50	£34.00	£33.50
Amenity PRG	Chewings Fescue		
Amenity PRG	Strong Creeping Red Fescue		
 4	 3	 4	 3
 3			






Parks

Recreation grounds, lawns, all heavy duty sports pitches. 35-50g/m².

Size	1+	10+	20+
20kg	£85.00	£71.50	£69.50
10kg	£45.00	£38.25	£37.25
Amenity PRG	Strong Creeping Red Fescue		
Amenity PRG	Smooth Stalked Meadow grass		
 4	 3	 3	 3
 3			






Greensward

For banks, building surrounds and landscape areas. 35-50g/m².

Size	1+	10+	20+
20kg	£82.00	£80.00	£78.00
10kg	£44.00	£42.00	£40.00
Chewings Fescue Strong Creeping Red Fescue Browntop Bent			
<div><div> 4</div><div> 3</div><div> 3</div><div> 3</div><div> 3</div></div>			






Estates

Temporary reseeding, utility areas, sportsgrounds. 25-35g/m².

Size	1+	10+	20+
20kg	£72.00	£71.00	£69.50
10kg	£37.50	£36.25	£35.50
Amenity PRG Creeping Red Fescue Amenity PRG			
<div><div> 5</div><div> 3</div><div> 3</div><div> 4</div><div> 3</div></div>			

Formal

For lawns, quality landscape areas, fairways. 30-50g/m².




Size	1+	10+	20+
20kg	£75.95	£73.50	£71.50
10kg	£39.25	£37.50	£35.95
Chewings Fescue		Browntop Bent	
Slender Red Fescue		Strong Creeping Red Fescue	
 3		 5	
 4		 4	
		 5	

Grass Seed



Prizelawn

Back lawns, utility areas, housing estates, cricket outfields. 35g/m².

Size	1+	10+	20+
20kg	£86.50	£74.00	£73.00
10kg	£45.75	£39.50	£39.00
Amenity PRG Chewings Fescue Slender Red Fescue		Dwarf Turf Perennial Browntop Bent	
<div><div> 3</div><div> 5</div><div> 4</div><div> 4</div><div> 4</div></div>			

DOT






For road verges and embankments. 35g/m².

Size	1+	10+	20+
20kg	£81.50	£80.00	£79.20
10kg	£43.00	£42.25	£41.75
Amenity PRG Strong Creeping Red Fescue Hard Fescue		Strong Creeping Red Fescue Browntop Bent White Clover	
 3  3  4  4  3			

For Sports Fields






Green Baize

Bowling greens, croquet lawns, golf green. 35g/m².

Size	1+	10+	20+
20kg	£98.00	£95.00	£89.95
10kg	£51.50	£50.00	£47.50
Chewings Fescue Slender Creeping Red Fescue Browntop Bent			
<div><div> 3</div><div> 4</div><div> 3</div><div> 4</div><div> 4</div></div>			






Action Replay

Football and Rugby pitches, all heavy duty sports pitches. 35-50g/m².

Size	1+	10+	20+
20kg	£78.00	£75.00	£72.00
10kg	£42.00	£40.00	£38.00
PRG PRG PRG PRG			
<div><div> 4</div><div> 4</div><div> 3</div><div> 3</div><div> 3</div></div>			






Wicket Renovation

An 'all ryegrass mixture' for overseeding cricket squares and wicket ends. 35g-50g/m².

Size	1+	10+	20+
20kg	£78.50	£69.50	£68.00
10kg	£42.00	£38.00	£36.00
Dwarf Turf Perennial			
Dwarf Turf Perennial			
<div><div> 5</div><div> 4</div><div> 3</div><div> 2</div><div> 3</div></div>			




Greens

For golf greens, putting greens and ornamental turf. 35g/m².

Size	1+	10+	20+
20kg	£103.00	£99.00	£94.00
10kg	£54.50	£51.00	£47.00
Chewings Fescue Chewings Fescue Browntop Bent			
<div><div> 3</div><div> 5</div><div> 4</div><div> 5</div><div> 5</div></div>			

Tee/Turfmaster

Excellent disease resistance, particularly for tees. 35g/m².

Size	1+	10+	20+
20kg	£89.50	£82.50	£77.50
10kg	£47.25	£43.75	£41.25
Amenity PRG Slender Red Fescue Smooth Stalked Meadow Grass		Chewings Fescue Browntop Bent Strong Creeping Red Fescue	
 3  4  3  4		 4	

A 20kg bag of grass seed will cover the following area:

571m² when spread at 35g/m²

400m² when spread at 50g/m²

Mixes may vary slightly depending on current demand and availability. Please check with your sales advisor at time of order.

The prices listed above are provided as a guide. Grass seed prices are liable to fluctuate with market demands. Please call for our latest pricing.

Product feature key

1 = Less, 5 = High

Hardwearing

Appearance

Drought Tolerance

Shady Area

Low Maintenance

Pond Supplies

Pond Liners



Measuring your pond, a simple guide

To work out the dimensions of your pond liner follow the calculation below:

Measure the pond length, width and depth at their widest point.

$\text{Length} + (2 \times \text{Depth}) + 1\text{m} = \text{Total Length}$

$\text{Width} + (2 \times \text{Depth}) + 1\text{m} = \text{Total Width}$

$\text{Total Length} \times \text{Total Width} = \text{Size of Liner}$

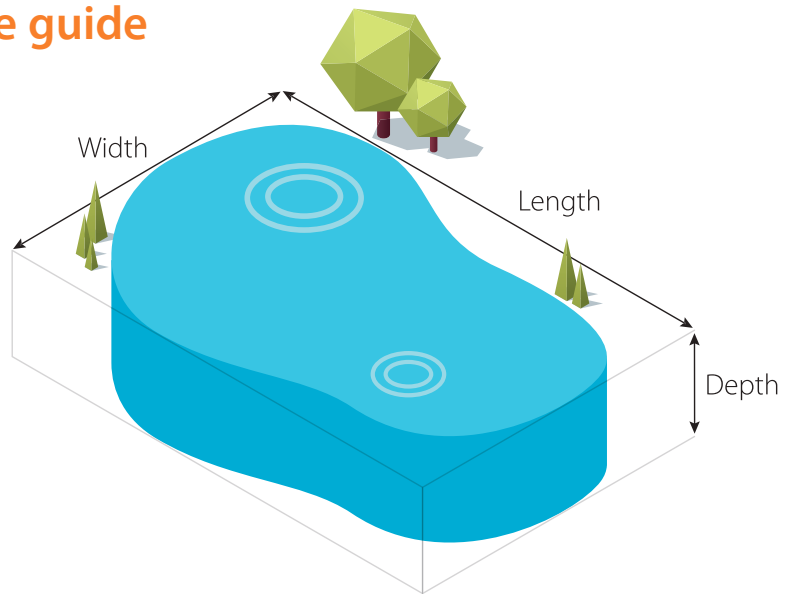
Example

A pond is 10m long by 6m wide and has a depth of 2m.

Liner Length: $10 + (2 \times 2) + 1 = 15\text{m}$

Liner Width: $6 + (2 \times 2) + 1 = 11\text{m}$

Size of liner required = $15 \times 11\text{m}$ (165m^2)



Ask your Technical Sales Advisor for more details. Call 01423 332100.

Pond Liners



EPDM Synthetic Rubber Pond Liners

EPDM is a synthetic rubber membrane ideal for lining ponds, lakes, lagoons and streams. Ideal for aquatic installations EPDM is a popular choice for larger projects where unusual shapes, contours and sizes are required. A highly robust pond liner, EPDM is resistant to UV degradation and other harsh environmental conditions. The EPDM pond liners can be installed all year-round as they remain extremely flexible at various temperatures.

We offer bespoke sizes of EPDM Pond Liners, please contact your Technical Sales Advisor for more details.

Type	Thickness	Price/sq foot
Firestone	1.02mm	55p
Type	Thickness	Price/m ²
Greenseal	0.75mm	£4.30
	0.85mm	£4.95
	1.00mm	£5.38



Box Welded Pond Liners

Box Welded Pond Liners are tailor-made to fit vertical sided and formal shaped ponds (standard, rectangle, circle, irregular or box shaped). Ideal for ponds which require planting shelves, uneven depths or sloping bases which can be fabricated to meet your individual requirements before arrival on site. A welded liner offers a perfect fit with no unsightly overlaps or creases and is made exactly to the specified dimensions vastly reducing the risk of on-site installation errors.

We offer bespoke sizes of Box Weld Pond Liners, please contact your Technical Sales Advisor for more details.

Type	Price/m ²
Box Welded Pond Liners	POA



Pond Liner Underlay TS60 Heavy Duty

HD Pond Liner Underlay provides exceptional protection from the ground of your pond or lake liner. The underlay is manufactured from a non-woven geotextile that offers exceptional puncture resistance from sharp stones and invasive debris. Pond Liner underlay is recommended for use with all our liners as it reduces stretching of the liner during settlement and protects the pond liner for its life expectancy. Contact us for more information on the suitability.

Type	Price/m ²
TS60 Heavy Duty	£1.20

Pond Liners



Butyl Pond Liners

Butyl rubber pond liners offer exceptional physical properties including flexibility with the ability to accommodate any variation in ground contours or movements. It offers high puncture resistance, a water-tight membrane and is UV stable being able to withstand long-periods of exposure to the sun. A popular choice with landscapers and garden designers to line large ponds, lakes and natural swimming pools. Standard thicknesses of Butyl Pond Liners are listed below; however, we can offer bespoke sizes made to fit individual requirements.

Type	Price/m ²
0.75mm	£5.62
1.00mm	£6.88



PVC Pond Liners

An economical, yet highly flexible and robust pond liner suitable for small to medium ornamental ponds. Our range of PVC pond liners offer high puncture resistance and are particularly pliable making it simple to disguise creases or overlaps in the pond base and edges. All pond liners up to 60m² carry a lifetime guarantee, with larger ponds and bespoke sizes offering a 20 year guarantee. Standard sizes of PVC pond liners are listed below, however we do offer bespoke sizes on request.

Type	Price/m ²
Widths: 2m up to 10m Lengths: 5m up to 25m	£2.20

Natural Swimming Pools



Natural swimming pools are natural systems where no chemicals are required to disinfect the water, instead they use plants and biofilters to keep the water clean. Biofilters are designed to purify water using good bacteria and microorganisms however aquatic plants can also act as a biofilter. The water then goes through a secondary filter to remove sediments or bad bacteria before being filtered back into the main swimming pool.



Algae Control

ProCrystal

An environmentally friendly bio-product containing a bacteria to control swimming, floating algae and algal bloom found in ponds and lakes. The natural bacteria do not disturb the balance of the aquatic environment so are not harmful to fish or wildlife at the waters edge.

Supplied in 454g water soluble single use sachets for easy and mess free application.

Used correctly ProCrystal improves water clarity as well as reducing unpleasant odours that are often caused by the algae. Continued maintenance applications every 30 – 60 days (more frequently in warmer weather) helps stop an algae infestation returning.



Pack size	Coverage	Price
4.086kg	900m ²	POA

Application

Depth	Application	Frequency	Dose/100m ²
< 1m	Initial application*	Every 30 days	300g
	Maintenance application**	Every 30 – 60 days	120g
>1m	Initial application*	Every 30 days	500g
	Maintenance application**	Every 30 – 60 days	200g

* Continue applications until desired results are achieved.

** Continue applications to maintain desired appearance of water system throughout the growing season.

When to apply

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<div style="text-align: center;"> ← Recommended period of use → </div>											



Before application



After 0 days



After 5 days



After 14 days



Wildflowers

John Chambers Heritage Wetland Areas Wildflower Mix

Mix contains: Wild Angelica, Water Avens, Greater Bird's Foot Trefoil, Meadow Buttercup, Red Campion, Common Fleabane, Hedge Bedstraw, Hemp-Agrimony, Yellow Iris, Meadowsweet, Purple Loosestrife, Ragged-Robin, Square-stalked St John's Wort, Devil's-bit Scabious, Selfheal, Tufted Vetch, Sneezewort, Gipsywort.

Product code	100% Wildflower Seed	80% Grass Seed
130JC3112	£229.00/kg	£57.00/kg

Grounds Maintenance

Fertilisers



Lawn and Turf Care Fertilisers

Product	Analysis	Description	Bag size	App. Rate	1 – 19	20 – 39	40+
Sportsmaster® Cleanrun Pro	Feed and Weed	14-0-5 mini-granular, with powerful herbicides for control of common broad leaved weeds, including daisy and white clover. Contains mecoprop p, and MCPA.	25kg	35g/m ²	£28.05	£27.50	£26.65
Sportsmaster® Renovator Pro	Feed, Weed and Mosskiller + Fe	14-0-5 mini-granular, with selective herbicides plus iron for the control of moss and a rapid green-up. Contains mecoprop p, MCPA and iron sulphate.	25kg	35g/m ²	£32.95	£32.20	£31.50
Sportsmaster® Spring Summer	12-0-9 + 1% Fe + 1%Mg	A zero phosphate compound mini granular, quickly breaks down.	25kg	35g/m ²	£24.65	£24.45	£23.95
Sportsmaster® Autumn Winter	4-12-12 + 7%S	High potash and phosphate are ideal for root development and feeding during the dormant period and will greatly assist the sward to withstand hard winter use. Mini granular formulation.	25kg	35g/m ²	£21.50	£20.50	£19.95
Sportsmaster® Spring Summer	9-7-7 + 13%S Pre-Seeder/ General	Medium nitrogen fertiliser in mini granule form. For use as a general fertiliser and a pre-seeder.	25kg	35 – 70g/m ² or 15 – 20g/m ² for Pre-seeding	£21.85	£21.35	£20.50
Landscaper Pro Universtar	15-5-15 2-3 month release	Ideal general purpose controlled released fertiliser.	25kg	35g/m ²	£31.90	£30.90	£29.85
Sulphate of Iron	20% Fe	Ideal for lime hating plants.	25kg	5g/m ²	£25.00	£23.05	£22.00
Sulphate of Potash	50% K	Plant strengthening for weather and disease resistance.	25kg	10g/m ²	£40.30	£39.30	£38.25
Green 'N Grow	11-22-0 + 18% S03	Exclusive to Green-tech, gt Green 'n Grow is a slow release amenity grass fertiliser that can be used all year round.	20kg	35 – 70g/m ²	£14.50	£13.80	£13.50
Single Super Phosphate	18% P	An important source of phosphate, vital for root development.	25kg	10g/m ²	£27.50	£26.50	£25.50
Sulphate of Ammonia	–	A quick acting growth promoting fertiliser.	25kg	45g/m ²	£19.40	£18.40	£17.40
Spring/Summer	20-10-10 or 12-6-6	Balanced high nitrogen for use on outfields and amenity areas. Apply March to Sep.	25kg	35g/m ²	£21.95	£21.50	£20.95
Autumn/Winter	3-6-8 + 4% Fe Mini gran	Mineral/organic for extended release with added iron to assist with disease prevention.	25kg	35g/m ²	£22.40	£22.20	£21.95
Lawn Sand	8-0-0 7% Fe	Controls moss in turfed areas. Can also be used as a turf tonic and lichen and algae treatment.	25kg	35 – 140g/m ²	£16.35	£15.30	£14.30
Landscaper Pro® Feed, Weed & Mosskiller	14-0-5+Fe+ Herbicide	An all in one granular feed, weed and mosskiller. The product maintains growth and contains a selective herbicide for weed control plus iron for moss control.	15kg	25 – 35g/m ²	£19.95	£18.95	£17.95
Landscaper Pro® Spring & Summer	20-0-7+3Ca +3MgO	A high impact fertiliser with controlled release technology. Formulated to give a strong immediate response, combined with up to 3 mths longevity.	15kg	25 – 35g/m ²	£19.95	£18.95	£17.95
Landscaper Pro® Autumn & Winter	12-5-20+3CaO +3MgO	Perfectly suited to autumn and winter use. Application results in a slow, steady growth that helps prevent stress during cold winter months and will help your turf start spring in good health and condition.	15kg	25 – 35g/m ²	£19.95	£18.95	£17.95

Fertilisers



Pre-seeder and Outfields

Product	Analysis	Description	Bag size	App. Rate	1 – 19	20 – 39	40+
Sportsmaster® Autumn Winter	4-12-12	High potash and phosphate are ideal for root development and feeding during the dormant period and will greatly assist the sward to withstand hard winter use. Mini granular formulation.	25kg	35 – 70g/m ²	£21.50	£20.50	£19.95
Sportsmaster® Spring Summer	9-7-7 Pre-Seeder/ General	Medium nitrogen fertiliser in mini granule form. For use as a general fertiliser and a pre-seeder.	25kg	35 – 70g/m ² or 15 – 20g/m ² for Pre-seeding	£21.85	£21.35	£20.50
Sportsmaster® PS5 Pre-seeder	8-12-8 + 3MgO	Contains the ideal balance of nutrients to strengthen the turf for the rigours of winter use.	25kg	35 – 70g/m ²	£23.05	£22.50	£21.95

Planting Fertilisers

Product	Analysis	Description	Bag size	App. Rate	1 – 19	20 – 39	40+
N-Mag Lite	3-17-10 + 5%Mg	Exclusive to Green-tech. An ideal granular fertiliser for use in most landscape and amenity situations. Can be used at any time during the growing season, but for maximum benefit, applications should be made as growth commences in the spring.	25kg	35 – 140g/m ²	£29.50	£27.60	£25.50
CRF Sierrablen Flora	11-22-9 + 6%Mg	A slowly soluble tree and shrub fertiliser based on the Osmocote technology offering a 8 – 9 month longevity. Versatile in use, this fertiliser can be applied to a wide range of tree and shrubs. Resists leaching, even in pure sand.	25kg	25 – 120g/m ²	£71.40	£69.50	£67.90
TerraCottem Arbor	3-1-7 + micro nutrients	A mix of specialist polymers, growth precursors and volcanic rock act to enhance water retention, soil structure and microbiological activity while a mix of tree specific fertilisers aid rapid plant establishment for the vital first 12 months after planting.	20kg	1.5g/litre of soil	£216.00	£189.00	£166.00
Carbon Gold Tree Fertiliser	Potassium Phosphite, Biochar, Mycorrhizal fungi, Seaweed and Wormcasts	Use at planting with new or on established trees, shrubs and woody plants to deliver increased nutrient. Soluble pellets expand microbial populations and reduce losses even in the harshest conditions, while ensuring long term vitality.	12kg	500g/m ²	£49.99	£44.99	£39.99
Landscaper Pro Flora Tablets	15-9-9 + 3%Mg O	2 year feed in a convenient tablet form.	15g/tab (466/ bucket)	–	£86.70	£84.00	£81.00
Hoof + Horn	13% N	An organic slow release growth promoting fertiliser. 25kg bags.	25kg	35 – 70g/m ²	£24.99	£23.99	£22.99
Dried Blood	12% N	An instant nitrogen source.	25kg	35 – 70g/m ²	£25.50	£24.50	£23.50
Blood Fish + Bone	Powder	Balanced organically based fertiliser.	25kg	35 – 70g/m ²	£23.50	£22.50	£21.50
Organic Rooster Pellets	5-3-3 + 9% CA	Rooster Organic Manure helps achieve real improvements in soil structure, essential for resistance to drought, and to give the best conditions for strong, healthy plants.	25kg 25kg	35 – 70g/m ²	£14.80	£13.80	£12.80
Rose Feed	5-5-10 + 3% Mg	Granular feed for roses.	25kg	35g/m ²	£18.50	£17.85	£17.50

General Fertilisers

Product	Analysis	Description	Bag size	App. Rate	1 – 19	20 – 39	40+
Growmore	7-7-7	A well known balance NPK suitable as a short general feed.	25kg	35 – 70g/m ²	£19.50	£18.50	£17.50

Lawn Fertilisers and Spreaders



Landscaper Pro Feed, Weed & Mosskiller

Pack size: 15kg

Pack coverage: 430 – 600m²

Application rate: 25-35g/m²

Suggested app period: March – August

Analysis: 14-0-5 + Fe + Herbicide

An all in one granular feed, weed and mosskiller. The product maintains growth and contains a selective herbicide for weed control plus iron for moss control.

- A feed, weed and mosskiller in one product
- Quick granule breakdown for fast response
- Lasts up to 6 weeks



Landscaper Pro Spring & Summer

Pack size: 15kg

Pack coverage: 430 – 600m²

Application rate: 25-35g/m²

Suggested app period: March – August

Analysis: 20-0-7 + 3CaO + 3MgO

A high impact fertiliser with controlled release technology. Landscaper Pro Spring & Summer is formulated to give a strong immediate response, combined with up to 3 months longevity.

- Ideal for use during spring and summer
- Immediate growth response
- Nutrients released for up to 3 months
- Proven technology



Landscaper Pro Autumn & Winter

Pack size: 15kg

Pack coverage: 430 – 600m²

Application rate: 25 – 35g/m²

Suggested app period: August – October

Analysis: 12-5-20 + 3CaO + 2MgO

A high impact fertiliser with controlled release technology, perfectly suited to autumn and winter use. Application results in a slow, steady growth that helps prevent stress during cold winter months and will help your turf start spring in good health and condition.

- Proven technology
- Ideal for use during autumn and winter
- Immediate response
- Nutrients released for up to 3 months

Spreaders



Earthway Rotary Spreader

Holds 36kg

1+

POA



SR 2000 Rotary Spreader

Holds 25kg

1+

POA



Landscaper Pro HandyGreen 2 Spreader

Ideal for smaller jobs

1+

POA

Turfs



Contract Turf*

Properties:

- Outstanding appearance and strong green colour
- Hardwearing and dense
- Easy to maintain

Uses:

- Lawns and general landscaping
- Turf for Contractors and Specifiers

Typical Sown Mixtures: 25% dwarf perennial ryegrass, 35% slender creeping red fescue, 20% smooth stalked meadow grass, 20% chewings fescue. All the varieties used are named cultivars, highly rated by the STRI for wear and disease tolerance, recovery and appearance.

m² pricing available upon request



Formal Turf*

Properties:

- Contains the outstanding fine-leaved ryegrass Bargold, which can withstand mowing down to 5-6mm and heavy wear
- Highly rated for fineness of leaf, shoot density, and resistance to red thread

Uses:

- Lawns and landscaping – Ornamental fine lawns
- Golf courses – Greens surrounds and Greens subject to heavy wear e.g. pitch and putt courses

Typical Sown mixtures: 30% Bargold Perennial Ryegrass, 50% Barcrown Slender Creeping Red Fescue, 10% Baroxi Chewings Fescue, 10% Bargreen Chewings Fescue

m² pricing available upon request



Wildflower Turf*

Wildflower Turf is a balanced mixture of wildflowers and grasses growing in a moisture retentive biodegradable felt, that provide an instant wildflower meadow.

Properties:

- Establishes a wildflower meadow instantly
- Established plants are growing in a felt base, which acts as a weed barrier
- The 50% wildflower and 50% grass seed mix is pre-planted at the correct density to give optimum conditions for establishment
- Low maintenance requirement – usually one cut per year
- Attracts wildlife such as butterflies, insects and other invertebrates, birds and mammals
- A prolonged flowering period providing aesthetic pleasure throughout the year

Uses:

- General Landscaping
- Specialist Landscaping
- Green Roofs
- Golf Courses

Typical Sown Mixtures: 25% dwarf perennial ryegrass, 35% slender creeping red fescue, 20% smooth stalked meadow grass, 20% chewings fescue. All the varieties used are named cultivars, highly rated by the STRI for wear and disease tolerance, recovery and appearance.

m² pricing available upon request

*Turfs may vary slightly due to fluctuations in demand and availability. Please check availability at time of order.

**Other turfs available on request –
call 01423 332 100 for details**

Selective Weedkillers and Fungicides



Selective Weedkillers and Fungicides

Praxys

A selective herbicide with 3 powerful active ingredients and low application rates.

Activity: Selective post emergence with systemic activity

Active ingredient: Florasulam/Fluroxypyr/Clopyralid



Pack size		Coverage		Price	
2 litres		10,000 – 20,000m²		£75.00	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✓	✗	✗	✗	✗	✗

Depitox

A selective herbicide for use in established turf.

Activity: Selective post emergence with systemic activity

Active ingredient: 24D



Pack size		Coverage		Price	
10 litres		17,857 – 22,720m ²		£55.00	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✓	✗	✗	✗	✗	✗

Enforcer

A selective herbicide for broad leaved weeds in managed amenity turf.

Activity: Folia Selective

Active ingredient: 2,4-D, MCPA, Mecoprop P, Dicamba



Pack size		Coverage		Price	
5 litres		6,600m²		£45.00	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✓	✗	✗	✗	✗	✗

Icade

Advanced herbicide formulation for the control of deep – rooted perennials, woody and invasive weeds. The proven efficacy of triclopyr is combined with the latest in active ingredient technology of aminopyralid, to deliver a highly effective herbicide that contains lower amounts of active ingredients, without losing its potency.

Activity: Selective, translocated activity

Active ingredient: Triclopyr, aminopyralid



Pack size		Coverage		Price	
1 litres		2,500 – 5,000m²		£59.00	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✓	✗	✗	✗	✓	✗

Kerb Flo

Winter application grass weed killer, will not only control seedling grasses but well established deep rooted perennial grasses such as couch grass growing in or through existing shrubs or trees.

Activity: Residual activity

Active ingredient: Propyzamide



Pack size		Coverage		Price	
1 litres		2,500 – 5,000m²		POA	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
Some	✗	✓	✗	✗	✗

IMPORTANT: ALWAYS READ AND FOLLOW LABEL AND SAFETY INSTRUCTIONS BEFORE BUYING OR USING THESE PRODUCTS

Use pesticides safely. The end-user is responsible to ensure that this product is used in-line with the Approved Code of Practice, and that all operators are trained and certificated in the use of any Ministry Approved professional product'.

Note terms and conditions re Pesticide and Chemical sales.

Selective Weedkillers and Fungicides



Selectives cont.

Grazon Pro

A foliar acting herbicide for the control of perennial broad-leaved weeds including nettles, docks, thistles and brambles, broom and gorse in established and amenity grassland.

Activity: Folia Selective

Active ingredient: Triclopyr, Clopyralid



Pack size		Coverage		Price	
1 litres		8,300m ²		£65.70	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✓	✗	✗	✗	✗	✗

Aquatic Algae Control

ProCrystal

The environmentally friendly way to control algae in slow moving or static water.

Activity: Bacterial activity

Active ingredient: Natural Raw Material



Pack size		Coverage		Price	
4.086kg		900m ²		POA	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✗	✗	✗	✗	✗	✓

Insecticides and Pest Control

Product	Description	Pack Size	Coverage m ²	Active Ingredient	Price
Nemasys J	For the control of Leatherjackets	250 million tray	500	Steinernema feltiae	POA
Nemasys G	For the control of Chafer Grubs	250 million tray	500	Parasitic nematode Heterohabditis	POA

Grazers

Offers effective protection against damage caused by rabbits, pigeons, deer and geese. Applied with a sprayer, it can be applied at any time of the year.

Product	Unit size	Active Ingredient	Price
Grazers	1 litre	Calcium Chloride	POA



Dean



Chris

Ask a BASIS Advisor

For any advice on weed control contact:

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Chris Swan MBPR

E: chriss@green-tech.co.uk

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Total Weedkillers



Total Weedkillers and Herbicides

ProShield

Applied post-emergence, Proshield is rainfast within one hour and gives rapid knockdown and kill to a broad range of problematic weed species whilst its barrier action prevents germination for up to six months.

Activity: Non selective residual activity

Active ingredient: Glyphosate/
Diflufenican



Pack size		Coverage		Price	
5 litres		11,250m ²		£165.00	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✓	✗	✓	✓	✗	✗

Amenity XL Glyphosate

A foliar applied herbicide for the control of annual and perennial grasses and broad leaved weed in amenity, industrial and aquatic areas.

Activity: Non selective translocated non-residual activity

Active ingredient: Glyphosate



Pack size		Coverage		Price	
5 litres		10,000m ²		£27.50	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✓	✗	✓	✓	✓	✗

IMPORTANT: ALWAYS READ AND FOLLOW LABEL AND SAFETY INSTRUCTIONS BEFORE BUYING OR USING THESE PRODUCTS

Use pesticides safely. The end-user is responsible to ensure that this product is used in-line with the Approved Code of Practice, and that all operators are trained and certificated in the use of any Ministry Approved professional product.

Note terms and conditions re Pesticide and Chemical sales.

Roundup ProActive 360

Foliar applied translocated herbicide developed using a new surfactant system containing a unique, patented blend of two surfactants.

Activity: Non selective translocated non-residual activity

Active ingredient: Glyphosate



Pack size		Coverage		Price	
5 litres		10,000m ²		£45.50	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✓	✗	✓	✓	✓	✓

Roundup ProVantage 480

Roundup ProVantage is a patented potassium salt formulation containing 480g/L glyphosate and a unique blend of two surfactants. The optimised blend of surfactants delivers highly efficient activity at the leaf surface and a synergistic improvement in glyphosate uptake and overall performance.

Activity: Non selective translocated non-residual

Active ingredient: Glyphosate



Pack size		Coverage		Price	
5 litres		11,111- 13,300m ²		£55.50	
Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
✓	✗	✓	✓	✓	✓

Total Weedkillers



Total Weedkillers and Herbicides

Ecoplug

Treatment for tree stumps to minimise root and stump sprouting. Ecoplug Max is an effective treatment for tree stumps to control unwanted re-growth. Requires 13mm drill bit.

Activity: Non selective

Active ingredient: Glyphosate



Pack size	Coverage	Price
100	N/A	£72.00

Chikara

A water dispensable granule formulation containing 25% w/w flazasulfuron for use as a non-selective, residual herbicide on natural surfaces not intended to bear vegetation.

Activity: Non selective

Active ingredient: Flazasulfuron



Pack size	Coverage	Price
50g	3333m ²	£89.95
200g	13,300m ²	£316.00

Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
X	X	✓	✓	✓	X

Finale 150

Approved for preparing sports turf for line-marking by burning in lines (must be applied by a certified pesticide professional). Finale 150 herbicide is a non selective, non residual herbicide which acts mainly by foliar contact. It is not systemic and is not translocated around the plant.

Activity: Total contact

Active ingredient: Glufosinate Ammonium



Pack size	Coverage	Price
5 litres	10,000m ²	£212.00

Katoun Gold

Contains pelargonic acid. A contact product for use on amenity vegetation (bare soil around trees and woody shrubs).

Activity: Total contact

Active ingredient: Pelargonic Acid



Pack size	Coverage	Price
5 litres	2,200m ²	£155.00

Broad Leaved	Moss	Rye Grass	Total	Brush Wood	Aquatic
X	X	✓	✓	X	X



Ask a BASIS Advisor

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Ecoplug Max



Ecoplug Max is a patented tree stump control application. Each plug contains 300mg of granular glyphosate which is released inside the tree stump ensuring all of the active ingredient is carefully targeted where it is needed.

The glyphosate is translocated through the stump and down to the roots preventing new growth and leaving the stump to gradually rot away.

Requires 13mm drill bit.

Note: Blue Ecoplugs are available for exclusive use on Network Rail contracts. As of 31st December 2017 Blue Ecoplugs will be replaced with Purple Ecoplugs. Blue Ecoplugs can still be used on Network Rail contracts until 31st December 2018.

Benefits:

- Can be used in any weather and at any time of year
- Kills entire root system of the treated stump
- 95-100% efficiency on treated stumps
- Effective on a wide range of trees
- Supports the requirements of the Sustainable Use Directive to minimise herbicide use and the Water Framework Directive to prevent contamination of waterways with pesticides.

Pack size	Price
100	£72.00



Number of Ecoplug Max per stump

Step 1: Identify which group the tree stump to be treated falls into (see dose rate table below)

Step 2: Measure the diameter of the cut face

Step 3: Buttress roots must be treated individually with 1 – 2 Ecoplug Max per root

Step 4: Work out how many plugs to use from the table below (or on product label)



Ecoplug Max dose rate

Tree Species	Stump Ø (cm)	Number of Ecoplug Max
Group 1 - Alder, Aspen, Beech, Birch, Elm, Lime, Maple, Mountain Ash, Willow	3 – 6cm	1
	6 – 10cm	2
	10 – 14cm	3
	14 – 18cm	4
	>20cm	6 – 8cm between plugs
	Each buttress root	1
Group 2 - Ash, Cherry, Bird Cherry, Oak	3 – 6cm	2
	6 – 10cm	3
	10 – 14cm	4
	14 – 18cm	6
	>20cm	5 – 6cm between plugs
	Each buttress root	2
Group 3 - Poplar, Rhododendron, Elder, Tree of Heaven	3 – 6cm	2
	6 – 10cm	4
	10 – 14cm	6
	14 – 18cm	8
	>20cm	3 – 4cm between plugs
	Each buttress root	2

Chikara and Katoun Gold



Chikara – The cost effective alternative to strimming

Chikara is a systemic and residual pre-emergent and early post-emergent herbicide for control of annual and perennial weeds on natural or permeable surfaces that are not intended to bear vegetation.

Benefits

- Season long weed control
- Great for creating and establishing mowing margins
- Clear fence lines
- Controls a wide range of grasses and broad leaved weeds
- Can be used on established planted borders
- Combine with glyphosate for long term site clearance
- Many effected weeds never emerge

Applications

Chikara can be used on natural surfaces not intended to bear vegetation, permeable surfaces overlying soil, hard surfaces (railway ballast only) and amenity vegetation.

Where to use Chikara

Utilities, schools, parks, housing, cemeteries, highways, rail, fence lines, mowing margins, gravel paths and driveways and established shrub beds.

Application rate

150g per hectare (can give five months control). A 15ltr knapsack mixed with water and Chikara should cover 1000m² with a 1 bar flow regulator.

Pack size	Coverage	Price
50g	3333m ²	£89.95
200g	13,300m ²	£316.00



Katoun® Gold – a natural weed management solution

Katoun® Gold contains Pelargonic Acid; which is found in plants and naturally dries out weeds. It works by destroying the cuticle and damaging the cell membrane, causing dehydration within hours – a really effective natural weed management solution.

Katoun® Gold is a contact product for use on amenity vegetation (bare soil around trees and woody shrubs). It can be applied throughout the year, although optimum results will be achieved when the weather is bright with higher temperatures.

Technical specifications

- Composition: 500 g/L Pelargonic Acid
- Formulation: Emulsifiable concentrate
- Registration number: MAPP No: 17879
- Uses: Weed management around shrub beds
- Registered dose rate: Weed management: 22.5 L/ha
- Number of applications: Four applications per year

Advantages

- Natural origin: Pelargonic Acid is found in plants and quickly degrades into natural elements
- Fast results: Contact effect visible within 2 hours
- Easy to apply: Low dose per hectare
- Logistical strengths: Less transport, handling and storage costs

Pack size	Price
5 litre	£155.00

For Spraying Technology see page 116

IMPORTANT: Chikara and Katoun Gold are professional herbicides and therefore anyone wishing to purchase and use must hold a spraying licence. DO NOT USE CHIKARA OR KATOUN GOLD CLOSE TO WATER COURSES.

Spraying Technology

Cooper Pegler

Cooper Pegler has been the preferred sprayer by agricultural, horticultural and amenity users world-wide, as the most durable, robust and accurate agro-chemical applicators.

The unique diaphragm pump system assures many years of trouble-free and accurate protection. The pressure control system simply releases the excess pressure and returns the overflow liquid to the tanks.



Order Code	Applicators	Applicators	Unit Price
CP846341	CP15 Series 2000	15 litre tank Piston pump sprayer	POA
CP846361	CP3 Series 2000	20 litre tank Piston pump sprayer	
CP846255	CP15 Classic	15 litre tank Diaphragm pump sprayer	
CP846320	CP3 Classic	20 litre tank Diaphragm pump sprayer	
CP846239	Minipro	1.5 litre compression sprayer	
CP846249	Maxipro	5 litre compression sprayer	
CP846250	Maxipro	8 litre compression sprayer	

Spray Nozzle Packs

Type	Unit Price
Even Spray Nozzle Pack	POA
Standard Spray Nozzle Pack	
Anvil Spray Nozzle Pack	
VLV Anvil Spray Nozzle Pack	
Hollow Cone Spray Nozzle Pack	
Flat Fan Spray Nozzle Pack	

Information

How far does a tank go? (Typical example)

A. What is the water volume? 200 l/ha

B. What is your tank size? 15 litres

Divide A by B = 13.3 tank fills/hectare

How much chemical per fill? (Typical example)

X. Application rate of chemical? 5 litres per hectare

Y. Fills per hectare? 13.3

Divide X by Y = 375ml/fill

Berthoud Cosmos 18 Pro Knapsack (18L)

A popular product for professional sprayers, the Berthoud brand has launched the new generation of Cosmos 18.

Easy to use

- 125mm diameter opening for easier filling, fixing and emptying
- Sloping tank bottom prevents residual fluid after spraying
- Translucent, graded 18 litre tank Pump with agitator
- Easy to assemble

Ergonomics

- More comfortable to use and the sprayer fits well on the back
- Carrying handle
- Lance holder for easy storage
- Reversible left/right pump lever
- Easier to use and less effort required
- The wrist and hand stay in a natural position

Safety

- The pressure chamber seal is not affected by ball wear
- Easy to use and easy to change



BASIS advice available

Spraying Safety and Accessories



Product	Price
Goggles	£4.95



Product	Price
Disposable Spray Suit	£4.20



Product	Price
Green Protective UltraNitrile Spray Gloves	£2.79



Product	Price
1lt Measuring Jug	£3.00

Stem injection

Stem injection works by injecting a precise dose of herbicide into each cane of the weed to be treated, typically Japanese knotweed, Giant Hogweed and other hollow stemmed species. This measured application allows the herbicide to translocate throughout the roots and rhizomes of the targeted plant.

Stem injection has a number of benefits over folia application of herbicide. It can be applied in all weathers and maximises the herbicide dose by eliminating waste and drift, delivering the optimum amount to exactly where required. The treatment is generally effective in 2 – 3 weeks as translocation of the herbicide is quicker than folia application.



JK 1000 Stem Injector

The JK 1000 injection tool pack including injection tool, canister, 303 needle, measuring phial and calibration key.

Product	Price
JK 1000 Stem Injector	POA



InjectorDos Pro

InjectorDos Pro is a metered-dose injection applicator for invasive weed control, specifically designed for eliminating invasive weeds such as Japanese Knotweed, Giant Hogweed and Horsetail.

The InjectorDos Pro provides an effective and safe way to treat weeds in places where spray applicators are unsuitable. Lightweight and easy to use, the InjectorDos Pro comes with a one litre backpack to replenish the applicator via a length of hose. The injector features chemical resistant seals for extended product longevity and is simple to clean and maintain.

Product	Price
InjectorDos Pro	POA

Other stem injection systems available on request

Cleaners, Pest Control and Insecticides

Ace 3 - Disinfectant and Cleaner

Ace3 is a multi-purpose disinfectant and cleaner for use in glasshouses, warehousing, stores, farms and haulage vehicles. With its powerful formulation of 5% w/w peroxyacetic acid, Ace3 is fast acting and highly effective ensuring all surfaces are clean and clear ready for reinstatement. Ace3 is safe for use on all glass, polycarbonate, acrylic and plasticfilm glasshouses as well as typical brick, concrete, timber, steel, aluminium and painted surfaces.



Product	Unit size	Coverage	Price
ACE 3	20L	Various applications	£115.00
ACE 3	5L	Various applications	£42.00

Adjuvants

Product	Unit size	Coverage	Price
Speedway Total	5 litre	Various	£55.00
Cropspray E11	5 litre	Various	£20.00
Rhino	1 litre	Various	£40.00

Path and Patio Cleaner

Cleans and helps restore the natural colour of virtually any outdoor surface the organic way. No scrubbing or rinsing required.

Product	Unit size	1 Pack Covers M ²	Price
Algon	20 litre	480	£60.00

Marking Agent

Product	Unit size	1 Pack Covers M ²	Price
gt Turf Marker	1litre	25ml per 20 litres	£18.00

Important: Always read and follow label and safety instructions before buying or using these products. Use pesticides safely. The end-user is responsible to ensure that this product is used in-line with the Approved Code of Practice, and that all operators are trained and certificated in the use of any Ministry Approved professional product.



Finale[®] 150



Fast-acting total herbicide, an alternative for hard surface weed control.

➤ Can be used for preparing sports turf for line marking

MAPP no. 16733. Finale® 150 is a registered trademark of Bayer. Finale® 150 contains 150g/L glufosinate-ammonium. Use plant protection products safely. Always read the label and product information before use.



Where needs take us

www.icl-sf.co.uk

Line Marking



Fleet Powders

Product	Unit Size	1 – 9 Bags	10 – 39 Bags
Easiflo - dry marking compound (25kg/football pitch)	25kg	£8.15	£7.75
Superwhite – wet/dry marking compound	25kg	£10.80	£9.80

Fleet Liquids

Product	Unit Size	1+
Pitchmarker B+, white no mixing required	15 litre	£21.50
Pitchmarker C, 4:1 remarking, 2:1 initial	15 litre	£41.50
Pitchmarker Super C, 12:1 remarking, 4:1 initial	15 litre	£57.75

Fleet Aerosols and Aerosol Marker Machine

Product	Unit Size	1+
Xylene free – Colours available: Red, Yellow, Green, Blue, Orange, White, Black	750ml	£11.55
Aeroliner 5	–	POA

Kombi Classic

When used with Fleet's range of marking liquid there is no need for external mixing: the paint disperses into the water immediately in the 25 litre tank. At the end of the day's marking, and with just a flick of a switch, the Kombi flushes clean water, drawn from it's rear water tank, through the nozzle assembly, thus eliminating expensive pump and nozzle blockages. POA

- 1.5 ,2, 3, and 4" line marking width
- 25 litre (6 gallon) paint tank
- 5 litre (1.5 gallon) water tank
- Centre or side marking
- LED battery level indicator
- Stainless steel chassis
- 12v diaphragm pump



For information on line marking machines please call 01423 332 100

Synthetic Turf



Turf Group Luxury 35/40mm

A 2017 best seller, Turf Group luxury is soft to the touch but resilient by nature featuring a luxurious pile with a natural tri-tone colour profile. Luxury is a strong, high density and heavy weight Artificial Grass product suitable for multiple applications.



Turf Group Premium 30/35mm

A soft yarn, dense pile and realistic colour shade give Turf Group Premium high grade features for a medium pile Artificial Grass product. Premium is packed with thickness to provide a long lasting durability in both commercial and domestic applications, ideally suited for school play or heavy use areas.



Turf Group Contract 25/30mm

As an entry level product, Turf Group Contract offers fantastic value for money without compromising on quality. Featuring a two tone colour profile, a thick yarn structure and ample pile height, Contract will not let you down.

Product	Depth	Roll width	Price/m ²
Turf Group Luxury	35/40mm	2m	£15.95
		4m	£15.95
Turf Group Premium	30/32mm	2m	£13.95
		4m	£13.95
Turf Group Contract	25/30mm	2m	£10.95
		4m	£10.95

Test for yourself – please call
01423 332 100 to request
your free sample

Synthetic Turf



Turf Group 10mm Underlay

An advanced Artificial Grass underlay that features a laminated geotextile fleece layer for extra strength, support and weed suppressant properties. Supplied on a roll to speed up installation with a 10mm cushion thickness. Ideal for roof gardens and installations directly onto a hard surface e.g. concrete or tarmac.

Product	Depth	Roll width	Price/m ²
Turf Group Underlay	10mm	2m	£6.95



Turf Group 25mm Shockpad

A high strength Shockpad developed especially for playground applications meeting critical fall height accreditation. The product can be layered to meet critical fall height up to 3.00m and it features interlocking technology to ensure no movement. Also suitable for installations directly onto a hard surface e.g. concrete or tarmac.

Product	Depth	Roll width	Price/m ²
Turf Group Shockpad	25mm	1.4m	£12.95

Turf Group Accessories

Product	Size	Price
Turf Group Rubber Edge Detail	2m	POA
Turf Group Seaming Tape	100m roll	
Turf Group Adhesive Tub	5kg tub	
	10kg tub	
Turf Group Adhesive Tube	310ml (single)	
	310ml (pack of 12)	
Turf Group Seam Kit	15m	
	30m	
Turf Group Cleaner	1L	POA
	5L	

Enforcer®

Selective herbicide for the control of broad-leaved weeds in managed amenity turf.

- Potent combination of four active ingredients
- Ideal for all sports turf areas and lawns
- Various application methods including knapsack

MAPP no. 17274. Contains 70 g/L 2,4-D, 20 g/L dicamba, 70 g/L MCPA and 42 g/L mecoprop-P. Use plant protection products safely, always read the label and product information before use.



ICL

Where needs take us

www.icl-sf.co.uk

Roundup® ProActive

Highly active total herbicide.

- Rainfast in 1 hour
- Premium formulation
- Use when weeds are actively growing

MAPP 17380. Contains 360g/L glyphosate. Use plant protection products safely, always read the label and product information before use.



ICL

Where needs take us

www.icl-sf.co.uk

Root Dips and Soil Conditioners



TerraCottem Arbor

Developed specifically for tree and shrub planting. A mix of specialist polymers, growth precursors and volcanic rock act to enhance water retention, soil structure and microbiological activity while a mix of tree specific fertilisers aid rapid plant establishment for the vital first 12 months after planting. Tree survival rates are increased reducing replacement costs.

Applications

Tree and shrub planting.

When to apply/frequency?

Apply once when planting.

Benefits

- Healthier plants, increased yields and survival rate
- Increased water retention capacity with water savings up to 50%
- Stronger and deeper root development
- Faster and better plant establishment
- Higher resistance to drought stress and diseases
- Better use of fertilisers

TerraCottem Universal soil conditioner available – speak to your Technical Sales Advisor for more details.

Bag size	1+	20+	40+
20kg	£216.00	£189.00	£166.00



Aqua Fusion

Aqua Fusion is a technologically advanced moisture conservation granule suitable for blending with all types of growing media. Free-flowing and simple to blend, Aqua Fusion eliminates dry spots in growing media in three ways:

1. Acting as a wetting agent, Aqua Fusion reduces surface water tension.
2. Aqua Fusion penetrates the growing media, providing the plant with 100% of the media to grow in.
3. The re-wetting agent within Aqua Fusion remains in the growing media throughout the growing process to re-wet the soil particles.

The unique residual wetting agent within Aqua Fusion improves the distribution of water, drainage within the growing media and regulates the moisture profile. Reducing the plant stress and encouraging the uptake of essential nutrients.

Aqua Fusion can be applied in horticulture and landscaping growing media by blending at manufacture stage, whilst planting/seeding or over a top dressing.

Description	Unit size	1+
Aquafusion	25kg	£120.00



Polymer Based Root Dips

Prevents bare root stock from drying out and maintains the root system in prime condition. Coverage per 25kg approximately 27,000, 60-90cm transplants or 15,000 120-180cm whips.

Description	Unit size	1+	10+
Broadleaf Root Dip – mix with water	25kg	£180.00	£175.00

Rootgrow Mycorrhiza

Rootgrow contains a mixture of species of UK origin mycorrhizal fungi. These fungi are completely natural and are grown in the UK. Rootgrow also contains an inert clay carrier which acts as a substrate for the fungi to grow through and bio-additives which enhance mycorrhizal colonisation.

Application rate: 2.5L treats 500 – 1000 bare root whips

Desc.	2.5ltr	5ltr	10ltr
Rootgrow Professional	£46.00	£90.00	£169.00



Water Storage Granules

Water-retaining polymer granules, which absorb large amounts of water, forming a gel and acting as a reservoir in the soil.

App. rate: 1g per litre of soil.

Description	Unit size	1+	10+
Broadleaf P4	25kg	£179.00	£172.00

Rite-Edge Lawn Edging



Colours



Value Pack

Rite-Edge Lawn Edging

Rite-Edge aluminium landscape lawn edging has been designed by both landscape architects and landscape contractors to offer greater flexibility in design and installation over any other edging material. Rite-Edge is manufactured from strong, lightweight aluminium that will not rust, crack or rot like steel, wood or plastic.

Product	Lengths Per Pack	Fixing Stakes	Total Length	Price
Natural Aluminium Edging 10.2cm x 2.4m Long	14	28	33.6	£248.00
Brown Aluminium Edging 10.2cm x 2.4m Long	14	28	33.6	£315.00
Green Aluminium Edging 10.2cm x 2.4m Long	14	28	33.6	£315.00
Black Aluminium Edging 10.2cm x 2.4m Long	14	28	33.6	£315.00

Colours available:



Prices subject to delivery charge.



Joiners

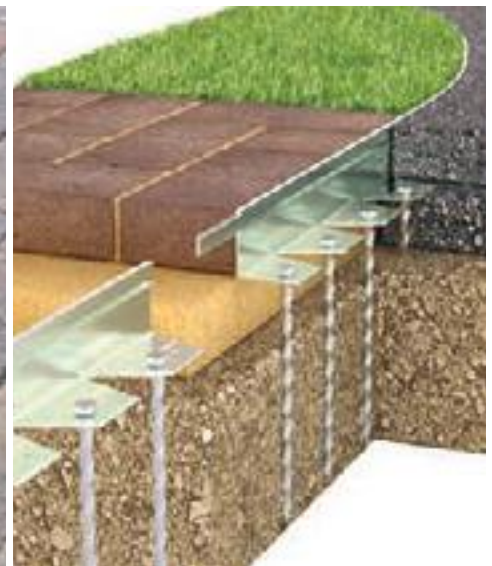
Now there is a quick and easy way to join Rite-Edge without the stepped joint. The new flush joining pack provides 14 small pieces of Rite-Edge that enable two longer pieces to be joined together still using the unique telescopic system but resulting a flat face finish. The precision engineered joint is still achieved when using the joiners.

Product	Pieces Per Pack	Price
Natural Flush Joining Pieces 10.2cm	14	£9.25
Brown Flush Joining Pieces 10.2cm	14	£11.75
Green Flush Joining Pieces 10.2cm	14	£11.75
Black Flush Joining Pieces 10.2cm	14	£11.75

Rite Edge Value Pack

Product	Pieces Per Pack	Price
Natural Aluminium Edging 10.2cm x 1.2m Long	4	£38.85
Brown Aluminium Edging 10.2cm x 1.2m Long	4	£46.20

Rite-L-Edge



Flexi and non-flexi versions available



Rite-L-Edge Flexi



Rite-L-Edge Non-Flexi

Aluminium Landscape Edging

There are many applications where Rite-L-Edge should be used instead of Rite-Edge lawn and border edging, but the general rule of thumb is that if the surface to be edged requires any form of mechanical compaction then the most suitable depth of Rite-L-Edge should be used.

Applications

- Tarmac Drives and Pathways
- Resin Bound and Bonded Aggregate Surfaces
- Permeable Paving Edging
- Rubber Safety Surfacing and Athletics Surfaces
- Decorative Gravel Driveways
- Artificial Grass
- Block pavers and paving flags

Benefits

- Durable aluminium alloy
- Hidden installation
- Flexi and non-flexi versions
- Quick connection
- Will not rust
- Reversible



Flexi Code	Non-flexi Code	Height	Base Width	Piece Length	Lengths Per Pack	Metres Per Pack
C570	C570NF	18mm	30mm	2.4m	30	72m
C571	C571NF	25mm	50mm	2.4m	30	72m
C572	C572NF	38mm	50mm	2.4m	20	48m
C573	C573NF	50mm	50mm	2.4m	20	48m
C574	C574NF	64mm	50mm	2.4m	20	48m
C575	C575NF	75mm	70mm	2.4m	15	36m
C576	C576NF	100mm	70mm	2.4m	10	24m
C577	C577NF	120mm	70mm	2.4m	10	24m
C579	C579NF	150mm	70mm	2.4m	10	24m

Product	Pack size	Pins/m ²
Steel fixing pins	250	3

Pins sold separately

Rite-L-Edge can now be supplied in a range of RAL colours

Price on request – minimum order 600 linear metres

Tools



Product	Price
Steel Shaft Digging Spade	£16.50



Product	Price
Treaded Digging Spade	£35.00



Product	Price
Treaded Spade	£35.00



Product	Price
Contractors Wooden Shaft Digging Spade	£16.50



Product	Price
Steel Shaft Square Mouth Shovel	£15.50



Product	Price
Wooden Shaft Square Mouth Shovel	£15.50



Product	Price
Steel Shaft Digging Fork	£20.50



Product	Price
Wooden Shaft Digging Fork	£35.00

Tools



Product	Price
4 1/2 lb Hickory Handle Axe	£17.99



Product	Price
1 1/2 lb Hickory Handle Axe	£7.50



Product	Price
10 lb Sledge Hammer	£28.99



Product	Price
4 lb Club Hammer	£7.20



Product	Price
Orbis Fencing Plier 265mm	£20.85



Product	Price
Coco Complete Brush	£13.99



Product	Price
Redbrush 18 inch C/W hdl	£12.99

For Site Essential
see page 130

For Workwear see
page 128 – 129

Rakes

	Product	Unit Price
1.	No 18E – High tensile steel teeth landscaping rake, back edge for grading and levelling. 18 teeth, 4cm apart.	£29.50
2.	No 18K – A multi purpose metal self-cleaning rake. 18 teeth, 3cm apart.	£28.50
3.	No 27S – Ideal for groundsmen needing to scarify and repair heavily trafficked hard packed and worn grass areas. 27 teeth, 2cm gap.	£28.95
4.	No 16P – A lightweight replica of the original wooden hay rake. To be used on soil, gravel, grass and leaves. 65cm wide, 3cm gap between teeth.	£24.50
5.	No 32P – This rake has curved teeth and a set of secondary teeth that run at 90 degrees from the top of the teeth, allowing easier collection and removal of wet leaves and grass. 65cm wide, 32 teeth.	£24.50



Workwear



Product	Colour	Price
Hi-Vis Bomber Jacket	Saturn Yellow	£30.00



Product	Colour	Price
Hi-Vis Highway Safety Waistcoat	Saturn Yellow	£5.50



Product	Colour	Price
Hi-Vis Highway Trousers	Saturn Yellow	£13.50



Product	Colour	Price
Redhawk Zip Front Coverall	Lincoln Green	£20.50



Product	Colour	Price
Vermont Waterproof Suit	Navy	£18.50



Product	Colour	Price
Waterproof Padded Coverall	Green	£79.50



Product	Colour	Price
Pennine Wellington Boot	Green	£12.50



Product	Colour	Price
Landmaster Pro Safety Wellington Boot	Dark Green	£73.50



Product	Colour	Price
Landmaster Pro Non-Safety Wellington Boot	Green	£55.00

Workwear



Product	Colour	Price
Redhawk Pro Trousers	Black	£30.50



Product	Colour	Price
Redhawk Action Trousers	Navy	£19.00



Product	Colour	Price
Eisenhower Max Trousers	Black	£53.50



Product	Colour	Price
Adalson Softshell Bodywarmer	Trekking Green	£27.00



Product	Colour	Price
Orland Fleece Bodywarmer	Dark Moss	£24.50



Product	Colour	Price
Hereford Fleece	Dark Moss	£28.00



Product	Colour	Price
Cambridge Jacket	Navy	£39.50



Product	Colour	Price
Tattershall Shirt	Blue/Grey	£21.50



Product	Colour	Price
Standard Canadian Rigger Gloves	Grey/Blue	£2.50

Site Essentials



Face Shield



Goggles



Safety Helmet



North Respirator, Respirator Cartridges (gas and vapour toxic)



First Aid Kit Std HSE 1-20



Eye Wash Station



Eye Wash Solution



Emergency Eye Wash Pods



Clinell Universal Sanitising Wipes – 225 wipes



Swarfega Original 4.5lt



Barrier Cream 5 litres



Barrier Cream 500ml



Clear Vinyl Disposable Gloves



Blue roll



Toilet Roll



Nescafe Original Granules 750g

Need help with your safety schedule? Call our Sales Team today on 01423 332 100

Working Dog Food



Regency Hunky Working Dog Food

Nutrient rich, complete feed for working and sporting dogs

Analytical Constituents: Protein 24%, Crude Oils and Fats 9%, Crude Fibre 3%, Crude Ash 8.5%

Pack Size		Protein	Fat
5kg	15kg		
●	●	24%	9%



Regency Working Dog with Meaty Chunks

A complete feed for working and sporting dogs

Analytical Constituents: Protein 25%, Crude Oils and Fats 9.5%, Crude Fibre 3%, Crude Ash 8.5%

Pack Size		Protein	Fat
5kg	15kg		
●	●	25%	9.5%



Regency Working Dog Silver

A complete feed, ideal for smaller breeds

Analytical Constituents: Protein 19%, Crude Oils and Fats 8%, Crude Fibre 3%, Crude Ash 8.5%, Omega 3, 0.3%, Calcium 1.9%

Pack Size		Protein	Fat
5kg	15kg		
●	●	19%	8%



Regency Chicken & Rice Working Dog Food

A wholesome complete feed for all dogs

Analytical Constituents: Protein 20%, Crude Oils and Fats 8%, Crude Fibre 3%, Crude Ash 8.5%, Omega 3, 0.6%, Calcium 1.9%

Pack Size		Protein	Fat
5kg	15kg		
●	●	20%	8%



Regency Hypoallergenic Rich in Turkey & Rice Working Dog Food

Ideal for dogs with food intolerances

Analytical Constituents: Protein 21%, Crude Oils and Fats 10%, Crude Fibre 3%, Crude Ash 8.5%

Pack Size		Protein	Fat
5kg	15kg		
●	●	21%	10%



Regency Puppy Working Dog Food

A complete feed for the weaning of puppies

Analytical Constituents: Protein 26%, Crude Oils and Fats 10%, Crude Fibre 3%, Crude Ash 8.5%, Calcium 1.9%

Pack Size		Protein	Fat
5kg	15kg		
●	●	26%	10%

For wild bird feed, see page 98

Grit Bins, De-icer and Snow Shovels



Grit Bins

The BOSS bins have a drop down, double skinned lid with full width opening. They are tough, multi-hinged and designed to withstand the most severe climatic conditions.

Features

- Tough and durable
- Double skinned lid
- Rust proof
- Fully nestable
- Inbuilt forklift grooves
- Lockable option

Product	Colour	Capacity (Ltrs)	Size (cm) L x W x H	Price
B7 Boss 7 Grit Bin	● ● ●	198L	70 x 45 x 80	POA
B7 Lock Boss 7 fitted with lock	●	198L	70 x 45 x 80	POA

**Call today for best prices on rock salt
01423 332100**



Surefoot De-Icer

Surefoot De-icer is a new high performance de-icer for use on footpaths and public thoroughfares - any situation where ice poses a risk to pedestrians and users.

Features

- Surefoot is super-concentrated and it is applied undiluted, so it is simple to use and doesn't involve any dusty handling.
- Unlike salt, Surefoot is non-corrosive.
- Supplied in easy-to-handle drums, Surefoot stacks neatly and safely for simple storage. Any unused De-icer can be poured back into the drum and stored indefinitely.

**20L Surefoot De-icer and Sprayer
ONLY £125.00 + VAT**

Product	Capacity (Ltrs)	Price
Surefoot De-Icer	10	POA
Surefoot De-Icer	20	
Surefoot + Sprayer	10	
Surefoot + Sprayer	20	

Snow Shovels

Product	Unit Price
Chelwood Aluminium Snow Shovel (Each)	POA
Snow Scoop gt15 c/w Pole (Each)	POA
Plastic Shovel 2 piece, T Grip	POA



Chelwood Snow Shovel



Snow Scoop



Plastic Shovel

Plantsava

The Revolutionary Root Watering System

Simple and effective, the Mona Plantsava system is the most reliable and natural way to water your plants.

By using the plants natural capillary action and allowing the plants to feed and water themselves you gain bigger, stronger and longer lasting plants. No more over watering, no more forgetting to water, no more begging friends or relatives to pop in to water while on holiday. Simply fit the Plantsava tank, fill the reservoir and relax for up to six weeks.

Perfect for all types of planters, both indoor and outdoor, flower beds, window boxes and hanging baskets. Environmentally friendly product: 100% water efficient and made from recycled material in the UK.

For healthy looking plants and peace of mind, get your Plantsava today!



Plantsava

The Plantsava delivers water and oxygen directly to the plants roots where it is needed most. By installing a Plantsava tank at the base of your planter the plant can be easily watered but at a much reduced frequency. The Plantsava tank is easily installed at the base of the planter and then covered with soil ready for planting. The tank is filled through the filler pipe, a float in the filler pipe will tell you when the reservoir is full. The water then travels from the roots upwards for up to 6 weeks without the need for refilling. The system helps your plants establish a healthy root system, which means healthy looking plants.

Plantsava 1L	Plantsava 2L	Plantsava 4L
Price	Price	Price
£6.50	£7.50	£8.50

Recycled Plastic Furniture

This range of hardwearing furniture is manufactured from high-strength recycled plastic, making it perfect for playgrounds, schools, memorial benches and parks. With a wood effect finish the furniture is both weather resistant and low maintenance.

Features

- 100% recycled material
- Easy to clean
- Low maintenance
- Chip, crack and splinter-proof
- Vandal resistant
- Insect and animal resistant
- Fully recyclable



Product	Size	Weight
Heavy Duty Picnic Bench Adult	1500mm (l) x 1300mm (w) x 490mm (seat height) x 780mm (h)	100kgs
Heavy Duty Picnic Bench Junior	1500mm (l) x 1100mm (w) x 360 (seat height) x 610mm (h)	51kgs
Sturdy Bench	1500mm (l) x 300mm (w) x 430mm (h)	20kgs
Bench with Back Rest	1630mm (l) x 660mm (w) x 430mm (seat height) x 890mm (h)	48kgs



Sturdy Bench



Bench With Backrest



Heavy Duty Picnic Bench

Planters

Green-tech works with manufacturers across the UK to source planters for interior and exterior displays. The ideal finish to any commercial project, Green-tech can source planters to co-ordinate with corporate branding, compliment the external surroundings or make an impact on a job. We can supply existing off-the-shelf designs and also have the capabilities to manufacture bespoke planters to suit colour, design, material and size.

Contact your Green-tech sales advisor today with any planter ideas, suggestions or requirements you have for your project.

- Fibreglass
- Polyethylene
- Natural Wood
- Metal



For the latest prices call our Sales Team on 01423 332 100



The Green-tech family of brands



Green-tech Ltd

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Green-tech is the leading UK supplier of products that protect, enhance and improve plants and their environment.

Get in touch...

Our experienced and dedicated sales team are on hand Monday to Friday 8am – 5.30pm

☎ 01423 332 100

@ sales@green-tech.co.uk

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The mark of
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