

LANDSCAPE & URBAN DESIGN

42

Mar/Apr 2020

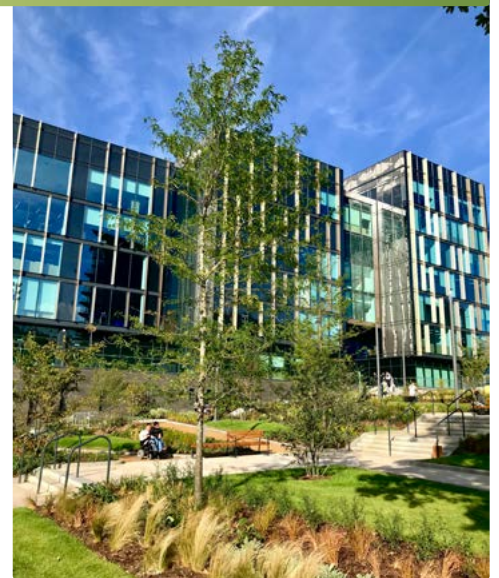
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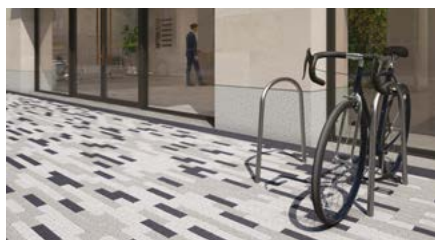


CONTENTS ISSUE 42

THIS ISSUES MAIN FEATURES



Artificial Grass | 32 - 35



Concrete & Stonework | 42 - 51



Bound Surfacing | 52 - 63



Sport & Play | 90 - 99

SGD Awards 2020

04 - Garden Design ideas.

Landscaping Services

10 - Practical instant hedges for Children's Garden at Kew.

14 - Sunday Times Grant Thornton Top Track 250 league table.

16 - Gardening Trends - Wildlife, Wellbeing & the World.

Garden Design

26 - Chapter House - Exclusive interview with Andy Sturgeon.

28 - Harrod Horticultural's outstanding new range of traditional Garden Furniture.

36 - Belgravia Terrace Gardens.

RHS Cardiff

30 - Flower Show celebrates 15th anniversary.

Artificial Grass

34 - Is your green roof safe?

Tools, Plant & Equipment

38 - Kubota unveils prototype electric tractors and compact construction machinery.

Concrete & Stonework

42 - Porcelain: The ultimate outdoor floor covering.

44 - Tobermore launch creative new product at landscape event.

46 - Unlocking the mysteries and opportunities of 20mm thick porcelain.

50 - Transforming an unkempt 200-year-old walled garden into a desirable outdoor space.

Bound Surfacing

54 - Resin Bound driveways.

56 - YRC Resin Drives of Distinction completes its largest installation at Grantley Hall Hotel and Spa.

60 - Hitchin Town Centre paving refurbishment.

Green & Blue Infrastructure

64 - Re-designing London's Grosvenor Square ahead of its 300th anniversary.

66 - Leeds Playhouse Gateway Court.

68 - The many upsides of living walls.

Street Furniture

72 - A prestigious Good Design award for Czech benches Pixel and Landscape Compact.

76 - Stylish bespoke shelter solutions.

Decking

82 - Millboard's new shade is the most multi-toned yet.

Japanese Knotweed

84 - The season is upon us.

Sport & Play

90 - UK's first special Cruyff Court Opens.

96 - Alternative sustainable hardwood solutions from Dylan Group.

98 - Overseeding at Boat of Garten Golf Club.

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GARDEN DESIGN IDEAS FROM THE WINNERS OF THE SOCIETY OF GARDEN DESIGNERS AWARDS 2020

As the winners are announced at this year's Society of Garden Designers annual Award ceremony, we reveal some of the best garden design ideas from the winning gardens from triangular planters to circular paving, hidden playgrounds and grass steps.

HIDDEN PLAYGROUNDS

Small family gardens can often be dominated by unsightly play equipment leaving little room for anything else, but in this garden in east London, winner of the Garden Jewel category at the SGD Awards, Adolfo Harrison MSGD has created a hidden playground, weaving elements of play throughout the

design so that both children and adults can enjoy the space.

Monkey bars form a pergola to which swings and slides can be attached, boulder stepping stones are laid out to enable children to jump from one to the other along the length of the garden, and two moon benches provide a snug place



where they can sit, set within a living wall to create a playful face.

Mirrors are used to make the space feel bigger and a 'ceiling' created by the canopy of long-stemmed bamboos focus attention within the space and create a more intimate atmosphere.

GIANT CONTAINERS

If you have a patio garden and are looking for ways to encourage more wildlife into it, take inspiration from Butter Wakefield's winning small garden where she uses oversize copper containers filled with a glorious mix of trees, shrubs and perennials to create an urban oasis.



Plants include multi-stem birch trees underplanted with evergreen Ferns and spring flowering Crocus; beech balls with Erigeron daisies and Muehlenbeckia and shrubs and perennials including Syringa microphyllia 'Red Pixie', Euphorbia schillingii, Geranium pyrcenaicum 'Bill Wallis' & Cirsium rivulare 'Blue Wonder'

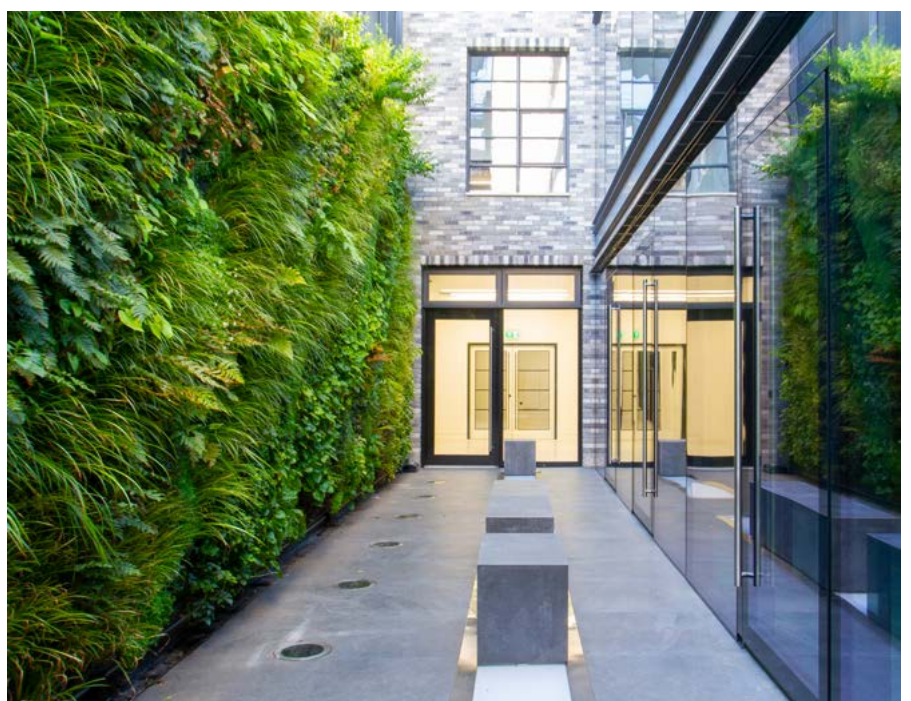
HYDROPONIC LIVING WALLS

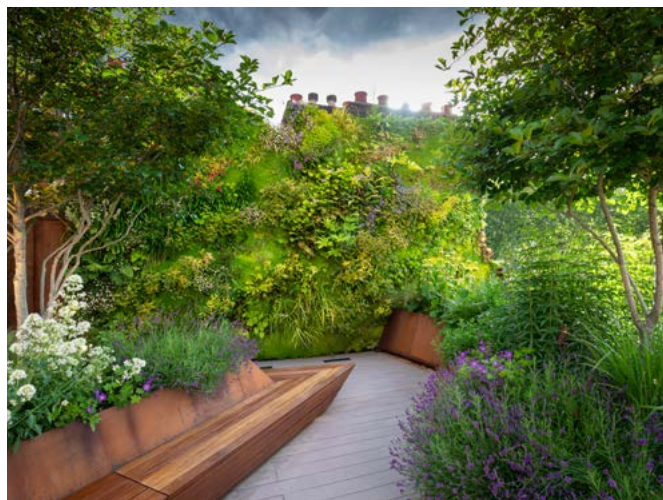
Using walls for planting, whether you use a trellis or containers is a great way to make the most of your garden but for maximum drama a full living wall is unbeatable.

Winner of the Grand Award at the SGD Awards, John Davies,

incorporated hydroponic walls into the roof and basement gardens of this office building in London, featuring a mix of flowering shrubs and perennials, such as buddleia and fuschia, to complement an evergreen planting framework and create a year-round effect with seasonal colour.

You can position a living wall anywhere but remember to choose the right plants for that part of the garden, just as you would with a border. And if you don't want a full living wall, use climbing plants and wall shrubs such as clematis, roses, honeysuckle or wisteria to add a vertical element to your outside space.





DROUGHT-TOLERANT PLANTING

If you are concerned about the environmental impact of your garden and are looking for ways to make it more sustainable, Sue Townsend’s ‘Sapphire’ garden, winner of the Beth Chatto Award for best Eco Garden, demonstrates how you can create a garden that can benefit the planet and which is bursting with texture and visual interest.

The coastal garden in Suffolk uses a rich palette of drought-tolerant planting including native seaside plants, grasses and Mediterranean shrubs surrounded by a stone mulch in different sizes and set amongst paving of locally reclaimed York Stone. Plants include verbena bonariensis, eryngiums, euphorbias, lavender, achillea, ballota, miscanthus nepalensis, pennisetum, verbena and thymus. Make sure you use permeable surfaces to allow water to be released naturally into the ground.

TRIANGULAR PLANTERS

The angular styling of mid-century modernism has timeless appeal, so if you’re looking for ways to update your roof terrace or garden patio and encourage wildlife into your garden along the way, why not replicate the triangular planters in John Davies’s winning roof top garden in East London?

The bespoke system of planters, built with sloping walls to encourage bees, butterflies and birds, compliments the modern architecture of the building and the choice of core-ten steel echoes its industrial heritage. Filled with flowering shrubs, insect-friendly perennials, prairie-style grasses and multi-stem trees, the planters are surrounded by an Iroko bench and lit from beneath to create the illusion of floating.

Designed to provide a biodiverse green spot within the City of London, the outer facing walls of the planters are also filled with

plants inserted into letter box style apertures allowing the greenery to be viewed and enjoyed from the road as well.

ANTIQUE STONE TROUGHS

If you like the idea of hearing the trickle of running water in your garden but don’t want a fountain, try a simple stone trough and water spout like the one incorporated into Butter Wakefield’s winning Ribbon Wheel garden. The beautiful antique trough is designed with wall panels hanging above it, incorporating antiqued mirror to reflect the garden beyond and painted a dark grey to set off the green of the surrounding plants.

TIMBER POSTS

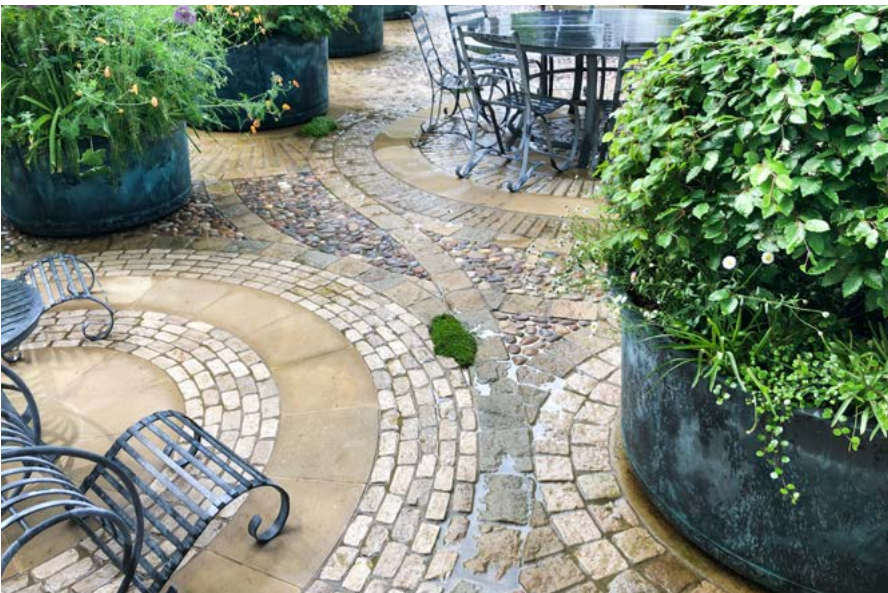
Timber posts don’t have to be confined to fencing a garden off from the neighbours. Carefully positioned within a garden they can be used to frame plants or seating areas and add extra interest to borders or paths.





GRASS STEPS

If your garden is on different levels but you don't like the idea of lots of stonework and want it to flow together seamlessly from one space to the next, take inspiration from Helen Elks-Smith MSGD, winner of the Large Residential Award. Instead of incorporating stone steps, Helen has used grass treads, integrating them into the existing lawn to connect the lower patio to the small sun terrace above.



MULTI-STEM TREES

A growing trend, multi-stem trees can create an architectural showpiece in any space with the elegant canopies lending themselves to layered underplanting or, if planted exclusively, to create a striking structural statement.

In their NHS 70 Garden for Addenbrooke's Hospital, winner of the Healing or Learning category, landscape company Bowles & Wyer uses reclaimed oak posts to frame the view along a meandering path at its centre, positioning them at different heights and angles so that new aspects of the space open up to visitors as they make their way through.

SEDUM ROOFS

Green roofs, living roofs, vegetated roofs, – whatever you want to call them, planted roofs are sprouting up everywhere and can be home to an array of plants from grasses to flowers, as well as being the perfect way to bring biodiversity into your garden.

In his garden in north London, winner of the Planting Award, Stuart Craine MSGD has created a stunning sedum roof in pastel powdery pinks

adding a softness to the abundant greenery in the surrounding garden. You can create a green roof on any flat surface or unsightly roof - from bin stores to bike sheds, and if you're not sure what to plant simply lay a ready-seeded wildflower turf.

CIRCULAR PAVING

Beautiful paving can transform a garden. In her Ribbon Wheel garden, Butter Wakefield has created an elaborate paving design of ten interlinking circles, each one different in design and size and connected to one another by a 'ribbon' of York cobblestones. The circles, created from a combination of limestone and York stone are laid in a mix of sets and cobbles creating a stunning effect.

Position planters or furniture in the centre of each circle and light from beneath for extra drama.

In this modern Suffolk garden, Caitlin McLaughlin, winner of the Fresh Designer award, uses multi-stem trees and soft planting to create a deconstructed woodland environment in the front courtyard garden, while Andy Sturgeon FSGD, winner of the International award, used native multi-stem trees in his winning garden in Bermuda to enhance the scale of the space.



DESIGNS ON PRIVACY

For garden designers the desire to create stylish but also private spaces is often top of their clients' requirements. This together with the growing awareness of the environmental and health benefits of living with more trees and plants has encouraged us all to want more green in our lives.

Many outdoor spaces are overlooked by neighbours or may have immense walls which block out light and require softening with natural foliage. If full privacy is difficult to achieve, it's usually possible to create at least one screened area.

Instant Hedges, a family run nursery in rural Buckinghamshire, grows a vast range of quality semi-mature and mature trees and hedging. They offer a complete service from design and consultancy, through to supply and planting. Working closely with designers and private clients they are experts in providing the best advice and most suitable planting options.

It is important to consider all options. Rather than simply planting a tall hedge, using pleached trees can create more of an airy space while still providing screening.



Further planting at the base of the trees could include smaller evergreens, flowering shrubs, ferns and grasses.

Box Head trees make a strong design statement. Often used at the front of properties they can transform the entire entrance. As with pleached trees, the trunks are visible and there's scope for underplanting. And then there are the wonderful Table Top trees, 'roof trained' parasol shapes, among them Malus Evereste (crab apple) or Platanus (plane). These beautiful style features provide instant privacy, shelter from overlooking windows and create an area of dappled shade for rest and entertaining.



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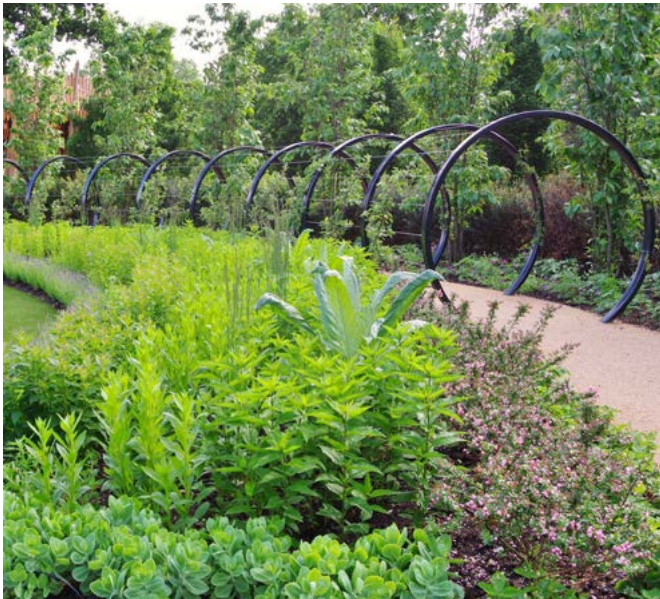
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PRACTICAL INSTANT HEDGES ARE ON KEW

Royal Botanic Gardens Kew, in West London, required a mature hedging solution along the perimeter of their planned Children's Garden. The hedging was needed for immediate impact, to create the boundary of the garden, with the intention of leaving only one main entrance and exit to the garden.

The Children's Garden is a major new feature for Kew and aims to inspire children to love and care for plants, gardens and open-air play. The completed garden is over an hectare in area and includes play structures and extensive planting among the existing trees; it is the first significant development within the Kew Gardens estate for over a decade.

Practicality Brown won a competitive tender to supply 190 metres Green Beech and 200 metres of Mixed Native instant hedge. We grew our Practical Instant Hedges™ for Royal Botanic Gardens, here at our nursery in Iver. The Native Mix was made up in equal quantities of

- Dogwood - *Cornus sanguinea*
- Field Maple - *Acer campestre*
- Hawthorn - *Crataegus monogyna*
- Hazel - *Corylus avellana*
- Hornbeam - *Carpinus betulus*



As with all our dense, pre-planted and ready grown Practical Instant Hedges™, this was produced in 1m long bags of continuous root strips for easy, stress-free planting all year round. In addition to the original tender, we also supplied *Quercus* *Ilex* Instant Hedge and as well as additional Beech and Native Mix.

The Children's' Garden has proven really successful for Royal Botanic Gardens, Kew with over 25,000 positive reviews. Our 400 metre Practical Instant Hedges™ contribute to the overall ambience, providing a safe and secure environment for the children to play and explore nature.

This project has been awarded the British Association of Landscape Industries' (BALI) prestigious Grand Award at the 43rd BALI National Landscape Awards 2019. Planted and managed by specialist landscaping company, Ground Control, this scheme also won the Community and Schools Development category. Congratulations to Royal Botanical Gardens, Kew, Ground Control and everyone involved; we are proud to associated with The Children's' Garden.



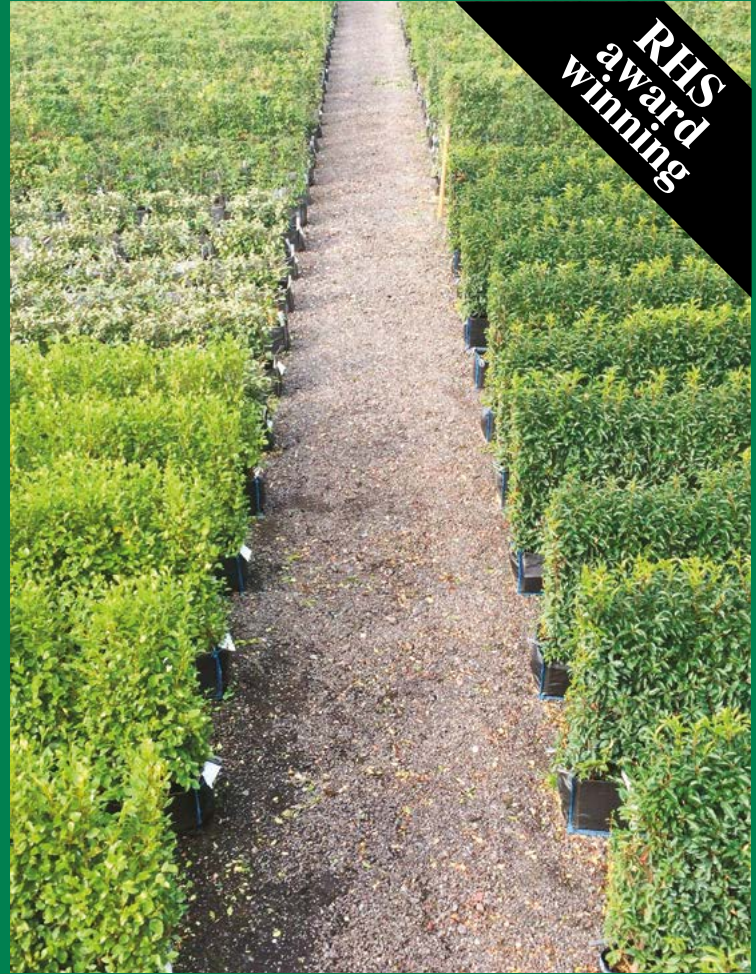
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With over 1,000 people attending each year, including industry VIPs representing government, media and charities, as well as BALI members and their guests, the annual ceremony is the pinnacle of the UK landscaping events calendar.

Winning a National Landscape Award is a sign that the recipient has achieved a high standard for the project or entry submitted. It awards exceptional standards of workmanship and professionalism in excess of the expected levels of quality as a BALI Registered member.

Entries for the #BALIAwards2020 are now open. Available categories can be found at baliawards.co.uk. The BALI Awards Adjudication Panel, represented by some of the finest landscaping professionals in the UK, with over 200 years of combined experience between them, will personally judge each scheme submitted by visiting all of the sites throughout the summer months. Following a 3-day adjudicator's deliberation meeting at the end of August, where the panel jointly deliberate each decision to ensure consensus that the winners represent the very best in landscape construction and design, the winners are announced on the BALI Awards website in September.



National Landscape *Awards* 2020

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On the day of the ceremony, Friday 4 December 2020, Principal, Special and the prestigious Grand Award will be bestowed on several BALI Registered members who won a National Award in September. There is always only ever one Grand Award winner, which a company or individual receives for their outstanding contribution to landscaping, with a flawlessly executed standard of workmanship and professionalism and a high level of customer satisfaction obtained.

"WINNING A BALI NATIONAL LANDSCAPE AWARD PROMISES TO CHANGE THE WAY YOU AND YOUR BUSINESS ARE PERCEIVED; SUCH IS THE KUDOS AND RESPECT THESE INDUSTRY AWARDS COMMAND."

How do I get involved?

In order to enter one or more of this year's categories at baliawards.co.uk you must be a BALI Registered member. If you are already a member, you can start your entry today. Full details on the early bird entry deadline and final deadline for each category can be found at baliawards.co.uk/enter.

If you are not a BALI Registered member, please contact Alex Newberry +44(0)24 7669 8650 or contact alex.newberry@bali.org.uk who can help discuss your options to joining the British Association of Landscape Industries. Alternatively, visit bali.org.uk/members/join-bali to make an enquiry online.



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BRITAIN'S PRIVATE MID-MARKET GROWTH COMPANIES ACHIEVE BIGGEST SALES

The 15th annual Sunday Times Grant Thornton Top Track 250 league table ranks Britain's private mid-market growth companies with the biggest sales.

The 250 companies achieved combined sales of £63.3bn, a 16% increase year-on-year, profits of £5.9bn, up 20%, and they employ a total of 373,000 people, up 11%. Almost half the table, 122 companies, were not on the league table in 2018, including Gymshark, Five Guys and TransferWise, and fifty-seven firms feature for the first time.

These companies appear alongside other established brands including Dr Martens, Travelodge and Virgin Active, and fast-growing brands such as Princess Yachts, Busy Bees and Medivet.

Contributing to the top Track 250 is Ground Control, which ranks

at Number 238. Along with 40 other companies headquartered in the southeast (compared to 38 in 2018) they have made a strong contribution to the regional economy. These companies increased combined sales 15% to £9.1bn and operating profits 39% to £769m, and employ more than 58,000 people.

The Top Track 250 is sponsored by Grant Thornton and Lloyds Banking Group, and compiled by Fast Track, the Oxford-based research and networking events firm.

"It is an honour for Ground Control to receive such a prestigious award from The Sunday Times and be recognised amongst 250 of the most distinguished and fastest growing companies in the UK. Caring for our Environment is why we are in business. We put people at the centre of everything we do and we embrace innovation and technology

to be sustainable leaders in our chosen fields. I would like to thank all the people at Ground Control who made this possible: you're awesome!" says Marcus Watson, Managing Director of Ground Control.

Jim Rogers, Partner at Grant Thornton UK LLP, the title sponsor of the league table, praised the companies for their performance:

"Whilst the headwinds of political and economic uncertainty have been a consistent feature of the UK economy over the past year, mid-market firms have continued to prove their resilience. They've demonstrated their adaptability to uncertain times and found opportunities for growth, both at home and abroad."

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GARDENING TRENDS 2020

WILDLIFE, WELLBEING & THE WORLD

Squire's Garden Centres has revealed their top three gardening trends for 2020, gardening for wildlife, wellbeing, and the world.

1. Gardening for Wildlife

Growing plants as a nectar and food source for wildlife encourages native birds and insects to thrive and increase.

Sarah Squire, Chairman of Squire's Garden Centres, commented, "The

more the built environment expands the more vital our gardens become. What is more, gardening for wildlife can also create magical spaces for humans. There is an undoubted trend towards plants that encourage wildlife and it is our job to help gardeners recognise them."



Plants for Wildlife - (clockwise from top left) Hebe 'Celine', Lavender 'Melissa', Cirsium rivulare 'Atropurpureum', Eyrsimum 'Super Bowl Sunset'

Combine different flower shapes and varied flowering times to produce a good supply of pollen and nectar for wildlife from spring through to autumn.

Some great plants for wildlife include:

- **Hebe 'Celine'** - an evergreen shrub with white flowers from April to June
- **Lavender 'Melissa'** - highly fragrant flowers from June to August
- **Cirsium rivulare 'Atropurpureum'** - a prickle-free thistle that flowers from June to September.
- **Eyrsimum 'Super Bowl Sunset'** - a new variety of wallflower which blooms from April to September

2. Gardening for Wellbeing.

Increased emphasis on mental, as well as physical health has highlighted the proven benefits of being outside and reconnecting with nature. Gardening is a great way to disconnect from screens and find some genuine reality.

Sarah Squire added, "Gardening is creative - you plant your own canvas. White flowering plants remain very popular, but a lot of fun can be had with colour in the garden so don't rule anything out. It is your garden and should reflect your own tastes and personality."

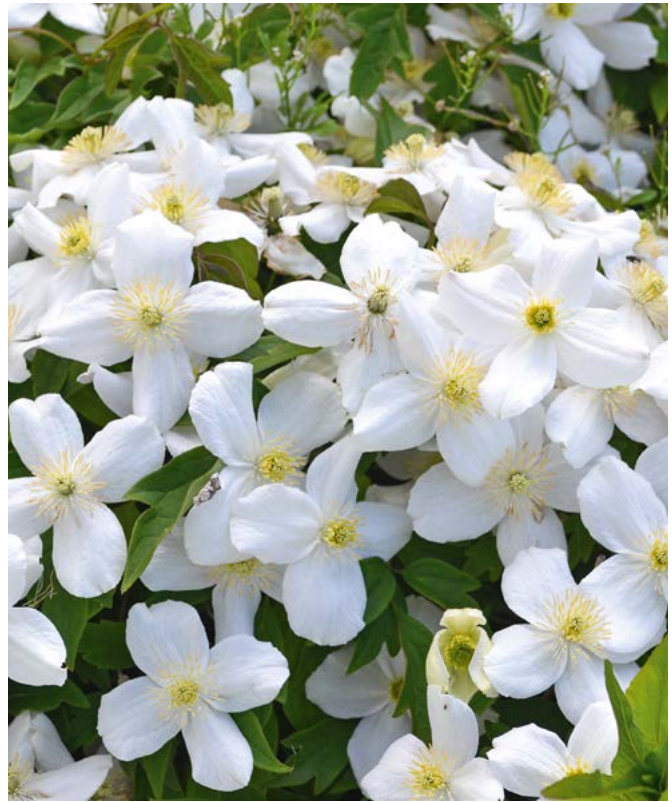
White plants

- **Choisya 'Greenfingers'** - glossy evergreen leaves & scented summer flowers
- **Clematis Montana 'Miss Christine'** - fragrant white flowers from May - June

Bold & Bright plants

- **Rosa 'For You With Love'** - repeat flowering bush rose, lightly scented
- **Clematis 'Meghan'** - named after the Duchess of Sussex it flowers from May to June and again in September





White & Bright Plants for Wellbeing - (clockwise from top left) Choisya 'Greenfingers', Clematis Montana 'Miss Christine', Rosa 'For You With Love', Clematis 'Meghan'

3. Gardening for the World.

"Gardeners are among some of the most environmentally conscious people I know, always on the lookout for green alternatives, committed composters and totally invested in doing their bit." said

Sarah Squire. "And the industry is working hard to make sure plant pots are made of recycled material, which can in its turn be recycled."

She added, "Britain has some of the best nursery growers in the world

and you may be surprised just how many plants in your local garden centre are grown in the UK, many very locally indeed, thus reducing plant miles. If there is one thing I think we could all do for our world fairly easily it is plant a tree. Trees



Trees for the World - (clockwise from top) Acer, Flowering Cherry Prunus 'Beni-yutaka' and Prunus 'Fragrant Cloud'

are fantastic as a habitat and food source for wildlife and as a source of carbon capture. They also give structure and architecture to a garden."

There are trees for every size and shape of garden, from a small acer in a pot on a balcony or a gorgeous flowering cherry in a back garden, to birch, whitebeam and hornbeam for larger spaces.

Plant one today and make our world a better place.

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RIGBY TAYLOR'S EUROFLOR URBAN MEADOW FLOWERS ADD THE SPARK TO ELECTRICITY NORTH WEST'S SUBSTATION REVAMP

Rigby Taylor's Euroflor urban meadow flower seed mixes have played a key role in the success of Electricity North West's 'Transforming our Spaces' project by revamping substations throughout the region with spectacular displays of colour from flower mixes that also attract a host of pollinators.

The colourful displays produced by the Euroflor seed mixes (from Top Green, the largest seed producer in Europe) also drew laudatory comments from the local communities as well as council officials and MPs.

For example, commenting on one site, Copeland MP Trudy Harrison said: "Electricity North West has planted what was previously grassland, requiring regular and costly maintenance, into a beautiful and environmentally beneficial wildflower oasis...This is an economic, environmental and social win, win, win project which should be replicated all over the UK."

Angie Thornton, Electricity North West's Groundworks Delivery Manager, who is heading up the scheme, said: "We are all absolutely delighted with the results; the sites truly have been transformed from what used to be eyesores into beautifully vibrant areas for the local communities to take pride in and spaces for revitalising insects and wildlife.

"Substations aren't always aesthetically pleasing but they are a key part of the electricity network. The project has been extremely well received by the communities and residents are keen to get involved and replant flowers in the future."

Eight substations were initially targeted last year and working closely with Rigby Taylor, an established supplier of amenity supplies to the electricity board (supplying the Icade, Chikara and Gallup Biograde herbicides, for example), various Euroflor urban meadow flower mixes were selected.

These included Rainbow Perennials and Flora Britannica from Euroflor's Project Pollin-8 range specifically designed to attract pollinators while also delivering high visual impact. The displays lasted through the summer and into October and November.

Howard Wood, Top Green's Euroflor consultant, presented classroom and on-site workshops to help guide the grounds staff in the preparation and maintenance of the flower beds, which in some cases also utilised the 'lay down and plant' FloraFleece biodegradable matting Euroflor option, which eliminates the need for extensive soil preparation. Bird feeders and bug hotels were also installed in some cases.

Electricity North West's 'Transforming our Spaces' project will return this year with the continued support from Rigby Taylor.

www.rigbytaylor.com



GIANT RESULTS WITH OTTERBINE'S GIANT FOUNTAINS

Otterbine's line of giant fountains is the go-to for landscape architects, designers and contractors wanting a dramatic focus for their landscaping and commercial projects, providing a sensational display wherever they're used.

From the staggering 90ft or 27m height of the Supernova to the magnificent multi-dimensional cascading pattern of the Equinox, onlookers never fail to be impressed by any of the seven in the range.

The Equinox and Aries have the lowest spray height, but they more than make up for that in their width, spreading their cascading patterns up to 121ft across the diameter of the lake. The Triad and Aquastar have height and a good fan pattern, while the Polaris has a rich and dense water flow effect and the Mystic and Supernova go up and up!

It's not just about the fountain's aesthetic though, Otterbine complementary aeration systems offer the highest oxygen transfer

and pumping rates in the industry, independent testing done by the University of Minnesota and GSEE prove it. They add as much as 3.3lbs or 1.5kg of oxygen per horsepower hour into the water and can pump over 920GPM or 199m³/hr per horsepower, which means that they're as impressive in their functionality as they are in their appearance.

Constructed for ease of use, this line allows for shallow operating depths of only 40ins or 1m, while large wheels on the frame improve mobility and eliminate the need for hoists and cranes during installation in most instances.

Combine this with corrosion resistant materials (they're manufactured with 316 marine-grade stainless steel, one of the highest on the market), a unique screening system to simplify cleaning and an adjustable float to minimise visibility in the water - these units are virtually maintenance free!



With an average lifespan of over 15 years and backed by an all-inclusive four-year warranty (five years if adding Franklin's Sub-trol monitor), Otterbine systems are built to last and are energy efficient. Their beauty can be added to and prolonged with the addition of a Fountain Glo light system, from the energy efficient LED lights to colour-changing RGBW sequencing light systems, giant results with Otterbine aren't limited to daytime only, but night-time too.

Find out how to take your venue's outdoor space to new heights with Otterbine by visiting distributor Reesink Turfcare at reesinkturfcare.co.uk



RETROFITTING PERMEABLE PAVING FOR SUDS

Permeable paving provides the starting point for sustainable surface water drainage or ‘SuDS’, in line with current legal requirements. And this applies equally to refurbishment and upgrade projects as well as new schemes - the trade association Interpave explains.

Concrete block permeable paving (CBPP) is a uniquely flexible SuDS (sustainable drainage systems) technique. It provides an inherent drainage system that requires no additional land take for water storage, treatment or conveyance, and offers the same visual richness as conventional block paving.

There is a growing choice of concrete blocks and paving slabs available from Interpave manufacturers, designed specifically for permeable

paving. Essentially, they have the same impressive performance as conventional precast concrete paving products, being slip resistant, durable, strong and sustainable. And today there are more shapes, styles, finishes and colours than ever to give real freedom of choice. This technology also eliminates pipework, gulleys and manholes, and should therefore cost less than conventional drainage and paving.

Safe Surfaces

The difference with permeable paving is the enlarged joints, filled with a permeable aggregate, and the materials used below the blocks, which are specifically selected to accommodate water. Concrete block permeable paving can be laid level and still avoids puddles without the need for drainage gulleys.

It also provides a safe, firm surface for everyone - including wheelchair users and people pushing prams - unlike gravel and other loose materials.

Permeable paving is specifically designed for a dual role, acting as the drainage system as well as supporting people and vehicles. At the same time, many pollutants are substantially removed and treated within the paving layers before the water leaves it. As a result of its unique capabilities, CBPP offers designers the exciting potential of a gradual supply of treated water that can be integrated with landscape design and promotes biodiversity. It provides clean water at the head of the ‘SuDS management train’ enabling safe, open SuDS features on the surface downstream.



Recent Research

The importance of this was highlighted in a 2019 report by the Greater London Authority which pointed out that pollution from vehicles (including electric) is being washed off impermeable surfaces into dedicated 'surface water' sewers (which do not flow to sewage treatment plants), then affecting watercourses and rivers. Of course, gulleys and piped drainage do not remove pollution or attenuate water flows.

Issues such as this have already been recognised by changes to planning 'Permitted Development' rules for new or replacement paving around existing homes and various non-domestic buildings. Before these changes, paving anywhere in a garden or within various non-residential properties, using any materials, was considered to be 'permitted development'. But these rights have been taken away unless permeable paving or other permeable solutions within the property are used.

Otherwise planning permission is required for new or replacement paving which is not SuDS compliant. With national and, increasingly, local planning policies encouraging or

requiring SuDS, such applications may well be rejected. For example, the Draft London Plan says that: 'Development proposals for impermeable paving should be refused where appropriate, including on small surfaces such as front gardens and driveways'. This stance is supported by the 2019 National Planning Policy Framework.

Exemplary Paving

An award-winning, exemplary landscape and SuDS scheme, Bridget Joyce Square in White City, London, demonstrates the multifunctional benefits of retrofitting permeable paving in place of conventional surfaces - not only on adopted streets (as here) but also drives, parking and other external areas. Its design, by Robert Bray Associates, introduces the innovative concept of concrete block permeable paving as a thin overlay for existing streets, removing rainwater straight from the surface without gulleys and providing attenuation and treatment before discharging to adjacent, well-planted basins.

The concrete block permeable paving overlay simply replaces a tarmac road surface over the original road base. The same blocks and 2-6mm grit bedding layer and jointing material as used in CBPP generally are here installed over a geo-composite conveyance sheet that transports water horizontally, on an impermeable membrane covering the road base. Water is attenuated and treated within the paving, then released horizontally via the stainless-steel letterbox slots into the planted basins.

Finally, two flow control chambers on outlets from the basins protect the combined sewer. Thus, rainfall remains within the SuDS landscape until storms have passed and the sewer can deal with water again.

Winner of Winners

The scheme won 'Winner of Winners' (the President's Award) as well as Winner of the 'Adding Value through Landscape' category at the 2017 Landscape Institute Awards, and also an ICE London Civil Engineering Award in 2016. But most importantly, it has been enthusiastically welcomed by local residents, as recognised by a Sustrans community survey.

A case study on the project can be downloaded from www.paving.org.uk. Here, you will also find Interpave's essential document - 'Design and Construction of Concrete Block Permeable Pavements' Edition 7. This guidance aims to ensure that CBPP delivers predictable, robust solutions and to minimise cost, maintenance and adoption issues. Another new Interpave guidance document, 'Detailing Permeable Paving & SuDS with Precast Concrete Products', is also available demonstrating how precast concrete paving products from Interpave manufacturer members play important roles in SuDS ranging from complete permeable pavements to standard components helping other SuDS techniques work more effectively. This document brings together a variety of construction details, demonstrating best practice to make SuDS robust and durable over the long-term.



RIGBY TAYLOR LAUNCH THE 2020 EUROFLOR BROCHURE



This 56 page, full colour, fully illustrated publication is available free on request and lists all the mixtures in the Euroflor range. Each mixtures has a dedicated page that shows at a glance, a pictorial illustration of how it looks in flower, list of species, its characteristics (germination time/flowering period/drought resistance), flowering height, pack coverage, seed composition and sowing/flowering period.

The brochure also features a section on its environmental initiative, Project Pollin-8 specifically introduced to assist in reversing the decline of pollinating insects, in particular bees. Rigby Taylor has introduced to the Euroflor seed range 12 mixtures that have been identified through information from independent research to have a longer seasonal supply of nectar and pollen to attract pollinating insects.....as well as providing highly visual and attractive displays of season long colour,

In addition, the brochure contains a technical guide to site selection soil and seed bed preparation, seed sowing, maintenance specifications and troubleshooting. It also features testimonials from organizations who



have discovered the benefits of sowing Euroflor urban meadows. One such organization, Monmouthshire County Council undertook an independent study of their experiences and a Case Study is available on request.

An essential part of the brochure is the Identiflower section that displays and lists, both in their Latin and common names, all the individual species contained in the Euroflor mixture range. This listing allows the reader to identify and select those mixtures with the colour and growth characteristics required.

All this information is available on the dedication Euroflor website, www.euroflor.co.uk

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- ❁ Choose a combination of 50g packs in the Discovery box selection or 1 kg packs of a single mixture

For more information on ALL the mixtures, flower species, site selection, sowing rates and testimonials, log onto:

www.euroflor.co.uk



PROJECT POLLIN-8

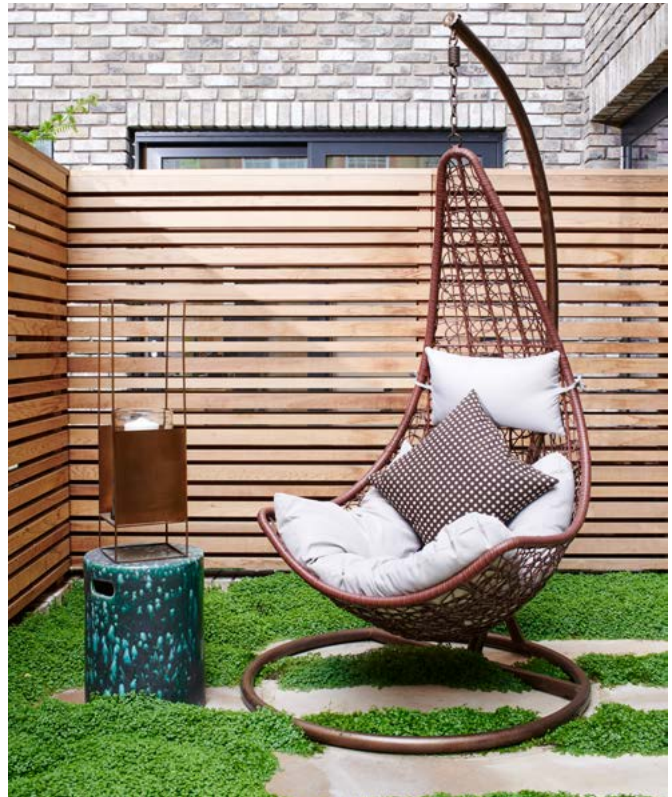
An Ecological Initiative

Project Pollin-8 is a Rigby Taylor initiative to help arrest the decline on the UK bee population.

Crucially, springtime flowers provide an earlier seasonal supply of energy-rich nectar and pollen, sustaining pollinators when resources are most scarce.



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CHAPTER HOUSE

EXCLUSIVE INTERVIEW WITH ANDY STURGEON

BY ANYA COOKLIN-LOFTING

Covent Garden is one of London's most celebrated cultural neighbourhoods. Of late, this pocket of London has become a world famous destination for fashion, culture, food and theatre lovers. Covent Garden is lesser known, however, for its capacity for residential living, and even less so, for its garden space. In fact, the garden space within the residential enclave that is Chapter House, the newest development by lifestyle-led property developer, Londonewcaste, is what makes it quite so appealing.

The majority of the 40 apartments at Chapter House feature generous outdoor space. The terraced spaces were created by Chelsea award-winning landscape and garden design firm, Andy Sturgeon Design, whom I speak to today about his brief, inspirations and solutions for city gardens to tend, use year-round and enjoy.

ANYA COOKLIN-LOFTING: What was your brief for the design schemes at Chapter House? What were the specific requirements that you needed to fulfil?

ANDY STURGEON: My design team and I were appointed to design a number of small terraces, gardens and a mews for the Chapter House Project. The concept for the development was to express different planting styles based on the floor levels and micro climates of the terraces. The spaces were designed to have movement. From lush green planting in the basement to sun-loving perennial planting on the top level.

ACL: How do you visualise your schemes? In terms of shapes, the sensible experience of the space or the practical uses?

AS: Each space I design is carefully analysed in terms of sunlight and shading, views, how people use the space, what the demographic of the user would be and the existing landscape conditions. We then take briefs from the clients and prepare concept documents which summarise and consider all the analysis. This would also be the stage at which we present the strong concept idea to move forward with.

ACL: What plants did you specify for the Chapter House gardens, and why?

AS: The plants we chose were specified to fit the aspect of the terraces and gardens. The shadier gardens included shade tolerant species such as *Dicksonia Antarctica*, *Libertia Grandiflora* and *Nandina Domestica*. The sunnier spaces at the top of the development include species such as *Amelanchier Lamarkii*, *Cistus* and *Pennisetum Alopecuroides Hameln*.



ACL: How do you tackle the small space issue inherent to city gardens?

AS: Smaller spaces always require more creative thought. The smaller roof terraces demanded more creativity in terms of our use of space, planning, materials, planting and screening. Using light colour paving and a more reflective surface for the planters gave a greater sense of light and space to the terraces.

ACL: The raised planters feature widely across each garden space at Chapter House. Talk me through them...

AS: The raised planter boxes feature widely and are a key to the overall design scheme. They are highly contemporary, which is what we liked about them. The steel planters are powder-coated in a bronze finish to coordinate with the metal work in the building's architecture.



ACL: And finally, can you cite any specific inspirations for the Chapter House project?

AS: The inspiration for these city gardens truly does lie in the structure of the floor levels and how we could play with diverse planting at each architectural stage. The micro climates of each of the terraces were very influential in their specific and distinct designs, each achieving a different planting character.

www.londonnewcastle.com
www.chapterhouse.london



SIT BACK IN COMFORT AND ENJOY YOUR FIRST OF THE SUMMER WINE...

Surely there can be no better experience than sitting in your own back garden with the sun on your face, the summer sound of birdsong in your ears and a glass of wine in your hand (or tea if that's your preferred tittle). That's where Harrod Horticultural's outstanding new range of traditional Garden Furniture comes into play - not only is it enviably attractive, but also inconceivably comfortable as well as of a quality that will last generations.

Inspired by original blacksmiths' furniture, the exclusive Southwold Furniture Collection has been a labour of love 3 years in the making and is arguably as comfortable as it is handsome. Much thought has gone into the ergonomics of the seat design and careful selection of the steel material sections used to ensure just the right amount of

'give' is coupled with the required structural strength. The handcrafted designs are highly sophisticated and their distinctive appearance has been created from hot dip galvanised steel with a hand etched finish for an antiqued look that provides for a unique piece whose weathered look will only improve further with age. Each element is hand made by skilled technicians and finished in Suffolk where steel manufacturing has been in operation in this family business for over 65 years.

Structurally guaranteed for a lengthy 25 years, this exceptionally elegant furniture range incorporates 5 different table styles for all manner of occasions - Bistro, Coffee, Round Dining, Oval Dining and Rectangle Dining (seating up to 10). The collection includes 2 designs of chair (with and without carver-style

arms), as well as 2 types of bench - the backless version of which can mix and match with the tables and chairs to make up the numbers, whilst both benches look very stately simply on their own in any given location. Good quality seat cushions complete the look.

Should the weather experience on the other hand be a rather grey one, and there's a quick break in any precipitation, then this ultra-durable weather-proof furniture range doesn't require any covering from the elements - simply nip outside, sit down with your frothy coffee and grab some fresh air.

For more information, view the Southwold Collection on the Harrod Horticultural website:
www.harrodhorticultural.com/southwoldcollection



Material: HI-MACS® Alpine White;
Photo credit; Melanie Gotschke



This structure was made using Accoya® wood
and the Shou Sugi Ban charring process

LATHAMS, HELPING LANDSCAPE DESIGNERS BRING IDEAS TO LIFE

First importing timber into Liverpool in 1757, James Latham have always been seen as innovators, and that's as true today as it's ever been.

With a number of surprising product ranges for landscapers, this spirit of innovation continues.

With their heart still in sustainably sourced timber and panels, and a solid market in railway sleepers, treated timber and other, more commonplace landscaper's favourites, the business has embraced the arrival of modified timber products such as Accoya® wood and MEDITE TRICOYA EXTREME® MDF. Both of these products have been treated via a natural process called acetylation, enabling the manufacturer to offer a warranty of 50 years when used outdoors (and even 25 years when in contact with the ground!).

Other products such as Garnica Duraply offer a new take on external plywood, boasting warranties of up to 15 years. Modified products such as these are perfect when decking and cladding or when planters or structures are required in landscape

schemes, providing endless opportunities for creative solutions that were never feasible before.

When it comes to surprising with sought-after finishes, Lathams have also stolen another innovative march, having been appointed a main distributor for the widely coveted Shou Sugi Ban range of charred timber cladding and panels. The aesthetics of these strikingly attractive products have been widely celebrated in our sector, but the source of the products is little known. The ancient Japanese art of charring timber isn't just about aesthetics though. The process allows the timber to release resins that shed water and prolong the life of the substrate. When applied to the modified timbers discussed previously, the effect and longevity is simply stunning.

All of these, however advanced, still fit quite comfortably into most people's perceptions of Lathams as a high quality, forward thinking timber supplier. The real surprise comes when you start to look into the decorative solid surfaces the business has embraced in recent years.

Garnica Plywood Bench



Providing a new direction for the company and a whole new option for garden furniture, outdoor kitchens and more, thermoformable, stain resistant products such as LG HI-MACS® natural acrylic stone and the Aristech Avonite® and STUDIO® collections, provide a wide-range of finishes and textures. Ranging from masonry effects such as concrete, marble and stone, through to translucent, metallic and geometric patterns, all look spectacular on their own or even better when lit from within at night; the cool feel and smooth, polished appearance making for a beautiful, tactile finish that is crying out for creativity and experimentation.

For more information about James Latham extensive range of products for the Landscape and Urban Design arena, please visit www.lathamtimber.co.uk or email marketing@lathams.co.uk.



RHS FLOWER SHOW CARDIFF CELEBRATES 15TH ANNIVERSARY

The Royal Horticultural Society's (RHS) Flower Show Cardiff will celebrate its 15th anniversary from 17-19 April 2020. Buzzing with a host of gardens, floral displays and interactive activities, the show will shine a spotlight on Visit Wales' 'Year of the Outdoors' theme for 2020.

New for this year, The Great Outdoors area will be central to the show, designed in response to a growing public interest in reconnecting with nature. Championing the links between horticulture and wellbeing, the area will feature displays, workshops and advice to highlight how visitors can make the most of the great outdoors, from foraging and craft workshops, to mindfulness.

This year's garden line-up includes, The Wildlife Trust of South and West Wales, who will walk visitors through what makes a garden wildlife-friendly with Step into a Wilder Future as they build on their successful Wilder Future campaign.



The Giving Nature a Home Partnership (RSPB; Cardiff County Council; Buglife) have teamed up with the Cardiff Rivers Group to create the Taff Bank Garden. By recreating a section of one of Cardiff's major rivers the garden will serve as an interactive, educational resource linking to activities at the show aimed at helping people to understand how our actions influence the world around us.

For the first time at the show, instead of two Floral Marquees, over 40 of the UK's finest nurseries will come together under one large structure. Among the newcomers will be Glendon Hall Nursery with a display of Epimediums and other spring shade plants, and family-run Todd's Botanics. 2020 will also see Bridgend-based Pheasant Acre Plants chosen as Master Grower, who will bring together a dazzling display of spring bulb plants including tulips, peonies, daffodils and erythroniums.

Following its success last year, the Floristry Tent will return, bigger and better than before. A packed line-up of live demonstrations will accompany displays from local florists and flower arrangers, many inspired by The Great Outdoors.

The popular Wheelbarrow Competition will help mark the show's 15th anniversary, challenging local schools to create designs with a 'Celebration' theme. Other highlights include the Talks Theatre featuring talks and discussions from experts such as Matt Biggs, The Skinny Jean Gardener and Radio 2 gardening Guru Terry Walton. Plus, visitors will find an array of interactive and educational exhibits in the Discovery Marquee from exhibitors including National Museum Wales, Welsh Water, Neath College, National Vegetable Society, and the Japanese Garden Society.



Show Manager Rebecca Welti says: "It's set to be a fantastic year for RHS Cardiff! The show has grown so much from the pop-up that we introduced in 2005 and 2020 is lining up to be the best yet! There is so much to see with plenty of hands-on activities and workshops for the whole family to get involved in. We are so proud to be part of the Welsh community and are hugely grateful

for all the support we receive from businesses and organisations who help make this show so special."

For more information or to buy advance tickets for the RHS Flower Show Cardiff visit www.rhs.org.uk/cardiff



NEW HI-TECH TURF RANGE USES LATEST ARTIFICIAL GRASS TECHNOLOGY

Artificial grass has been improving the aesthetic of gardens, play areas and commercial settings for many years now and it's popularity does not look like wavering anytime soon. This low maintenance solution is as popular today as it has ever been and products have improved dramatically from the early days of astro turf. The commercial and school market has seen a huge uptake in the installation of artificial grass as it's hard wearing properties make it a great fit for high use areas.

Hi-Tech Turf have just launched their new range for 2020 and it includes turfs encompassing some of the latest artificial grass technology. Their trade range is vast

and has something to suit every budget and style. Over 200 rolls are stocked at their UK warehouse all competitively priced and readily available. Whilst keeping turfs in the range that have already proved very popular over the past couple of years such as the Trade 2 and Sensation, they have supplemented the range with a number of new products for 2020, these include Exclusive, Soul and Rock.

Exclusive is an entry level trade turf, sold by the full roll (4m x 25m) to keep the price as keen as possible. This 30mm grass is a desirable product but is in keeping with the parameters of any budget.





A step up from the Exclusive comes the Soul product, again 30mm but slightly thicker and an entry level price for those wanting to buy cuts rather than full rolls. Cut lengths are available at a 4m or 2m width.

Rock is at the top end of the trade professionals range. This 40mm product is dense and luxurious but still commands a keen trade price. Available in full rolls and cut lengths.

Alongside their range of turfs they also offer ancillary products for your landscaping project, these include Shock Pad in thicknesses of 12mm, 20mm, 25mm and 35mm. Glue, Tape, Geo-Textile Membrane and after care products.

Hi-Tech Turf hold stock of all their products making them readily available for collection or delivery. Sample packs and price lists are waiting to be sent out for your next project so don't delay and request one today.

For further information visit
www.hitechurf.co.uk,
 e-mail info@hitechurf.co.uk
 or call on 01244 289 182.



EVERROOF ASKS: “IS YOUR GREEN ROOF SAFE?”

A market leading artificial grass company is alerting architects, specifiers, contractors and consumers to the dangers of not having an accredited fire and wind-tested green roof system installed.

EverRoof®, a subsidiary of the Evergreens® UK Group, supplies and installs a unique range of artificial green roof systems designed as both an alternative and a complimentary product to natural green surfaces, transforming unusable and ugly flat roof spaces into beautiful, green, multi-use areas.

As the providers of the only accredited fire-rated and wind-tested system of its kind on the market, the company is leading the industry in raising awareness of how important it is to have a green roof installed that is totally fit for purpose.

Its initiative coincides with the government's plan to introduce new regulatory measures that improve standards of building safety and construction products in a post-Grenfell landscape, based on the findings of Dame Judith Hackitt's independent review and as set out in the recent Queen's Speech.

The EverRoof® range meets all of the requirements of BS 476-part 3,

ENV 1187 and EN 13501, the UK-EU test that certifies a roof's reaction to fire damage, thereby offering greater protection against the potential damage made by fires from above, or spreading across the surface.

One of the most popular products is the three-part accredited system, which features a drainage protection matting for horizontal flow, a 30mm Force Field™ foam drainage pad for vertical flow and heat protection, and a 36mm Wonder Yarn® artificial grass surface with sand infill.

Inadequately-installed, lower-quality and non-accredited green roof systems are susceptible to extreme winds and vacuums created by the wind, which have the capacity to grab and lift the system off the roof's surface if it is too light or has not been anchored correctly and fixed firmly enough.

EverRoof®'s systems' wind accreditation offers consumers peace of mind that their roof system is correctly fixed to the surface, and its functions minimise the effects felt by the negative pressure pockets that pass across it.

What's more, this innovative product provides water attenuation and adds another insulation layer that could save energy and extend

the life of a roof, and can also withstand wind speeds exceeding 100 miles per hour.

Temı Kucuk, Business Development Manager for EverRoof®, said: "As a pioneer of artificial grass roof systems, we see it as our duty to raise awareness of the dangers posed by not having an accredited artificial grass roof system installed. "We have invested significantly in research and development, and continue to do so to get these products to market, while our revolutionary, industry-leading accredited systems have the credentials as the only ones of their type that adhere to British and European roof safety standards.

"I would encourage everyone to be responsible and only install an accredited artificial green roof system for the obvious safety benefits and peace of mind that you have a high-quality product above your head.

"Those who are eager to have an EverRoof® accredited system supplied and installed professionally are encouraged to get in touch with our team right away."

For more information please visit www.everroof.co or alternatively call 01572 766912.



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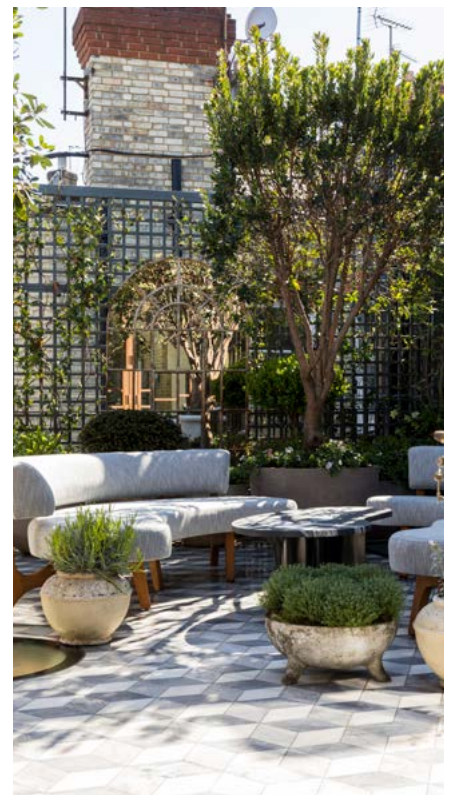
BELGRAVIA TERRACE GARDENS

The brief for these gardens was to create an eclectic yet classical design for three independent areas - an east terrace, west terrace and upper terrace. Although each is an individual area, it was important to the clients that they should be connected with one overall theme that would complement the design and style of the property. Cameron Gardens was also asked to soften the three terraces, provide views from the interior of the property, and ensure the clients' privacy, bringing as much greenery into the areas as possible.

As the east terrace is the central aspect of the apartment, viewed immediately on entering the home, Cameron Gardens was asked to create a distinctive space. This was achieved by the sourcing of three dramatic planters, each containing *Arbutus 'Marina'* multi stems, which

are evergreen trees with russet coloured bark that peels to reveal new pink/pale green bark beneath, providing year-round interest. These can be under-planted with seasonal plants to provide colour, scent and atmosphere, which can be varied according to the season.

An additional compilation of reclaimed and new pots was distributed in accordance with the available space. They were chosen to complement the furniture and flooring of three-tone marble tiles laid in cubic style. All these factors joined to provide a *mélange* of textures and tone, ensuring interesting views from the inside of the property and creating an eclectic and relaxed atmosphere outside. The distinctive, sloped green wall of *Muehlenbeckia* provides interest and softens the steps to the upper terrace.





The clients wanted the upper terrace to have a true roof top feel, complete with a kitchen and barbecue. Considerable time was spent designing the barbecue and entertaining area to ensure it provided a wonderful setting for relaxing, eating and enjoying the cityscape. It has a glass balustrade with the glass-covered lift shaft just off centre. Decking keeps the look clean and uncluttered whilst an array of planters, pots and verdant boundary planting add a more relaxed roof-top vibe. It is the perfect space for entertaining and eating al fresco, with the lush planting providing privacy without restricting the wonderful views of the surrounding city.

The narrow terrace located off the kitchen is used as a more informal seating area. The low light levels here have necessitated the selection of shade-tolerant plants. The boundary planting and green wall in this area provide a lush backdrop without encroaching on the tight space.

The use of vertical planting and carefully selected pots and planters containing mature and interesting trees and shrubs provide a feeling of being in a lush green environment without claiming too much space. Both artificial and natural plants have been used in some of the green walls.



KUBOTA UNVEILS PROTOTYPE ELECTRIC TRACTORS AND COMPACT CONSTRUCTION MACHINERY



The evolution
of mowing
performance.

Studying feasibility for launch in the post-diesel European market;

Aims of the development

- Currently, one of Kubota’s mainstay product categories is agricultural machinery powered by diesel engines. In response to the global shift towards electric vehicles (EVs), however, Kubota has engaged in research and development of electrically powered equipment, such as motors, inverters, and battery packs, to prepare for future opportunities.
- Meanwhile, the authorities of Paris city announced their plan to phase out the use of cars powered by diesel engines by 2024. Given the accelerated move toward banning the use of diesel engines in Europe and elsewhere, Kubota decided to make prototype models from its compact tractors to identify the needs of local users.
- At the same time, Kubota has made a prototype of construction machinery that shares key electrical components with tractors, in preparation for the development of non-diesel-powered and ultralow-noise construction machinery.

About the prototype models

(1) Tractor

Model name	Battery- (electrically-) powered compact tractor
Maximum output	Equivalent to output of compact tractors with a diesel engine
Batteries	Lithium-ion batteries
Dimensions	2,770 x 1,249 x 2,353 (mm)
Target applications	Weeding in parks, transportation, fertilizer application, etc.

(2) Compact construction machinery

Model name	Battery- (electrically-) powered mini excavator
Maximum output	Equivalent to output of mini excavators with a diesel engine
Batteries	Lithium-ion batteries
Dimensions	4,550 x 1,400 x 2,420 (mm)
Target applications	Construction work requiring emission control and extremely low noise output, in addition to general construction work

Future plans

- Kubota will start monitor tests of the tractor in France this year.
- Kubota plans to launch the electrical tractors and electrical compact construction machinery sooner after conducting a series of experiments and evaluations for them.

www.kubota.co.uk



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For maximum flexibility in getting work done, these new Trousers feature detachable holster pockets while the trousers themselves are made from full-stretch material for maximum mobility wherever you're working while the Cordura®-reinforced Kneeguard™ pockets offer additional comfort and protection.

For maximum functionality there's also ruler, and cargo pockets for easy access to tools and fixings. They're all Cordura® reinforced for durability. So check out these newest designs - the optimal choice for craftsmen and women who need to get the job done quickly efficiently on site.

Getting information on the Snickers' new Stretch Trousers is easy. You can call the Snickers Helpline on 01484 854788, checkout the website and download a digital catalogue at www.snickersworkwear.co.uk or email sales@hultaforsgroup.co.uk

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PORCELAIN: THE ULTIMATE OUTDOOR FLOOR COVERING

Katy Harris, Marketing Director at Verona discusses the benefits of using porcelain outdoors, and explores inspirational ways to use the material in your next project.

Outdoor spaces are incredibly versatile, and can be creatively transformed in so many different ways. No matter the size or space of a garden, homeowners are investing time and money into creating something functional and style-led. Whether it's an entertaining space with a fire pit, beautiful blooms to establish corners and borders or an outdoor living space with furniture around a focal point, the possibilities are endless.

The use of 20mm thick outdoor porcelain is growing in popularity and features a wide range of features and benefits that tackle many issues associated with natural stone paving and timber decking. Versatile and functional, 20mm porcelain tiles deliver a hard-wearing floor covering. Fade resistant even in strong sunlight, the porcelain will retain its good looks for years to come, with no special maintenance needed. Simply clean with a brush and warm soapy water or porcelain cleaner on a regular basis.

Natural stone has the ability to absorb water, expand and crack, so to prevent this regular sealing is

required. When it comes to 20mm porcelain, the material is frost-proof and doesn't require the extra maintenance of sealing. Natural stone paving can also feature a riven or textured surface and each paving slab can vary in thickness. This adds character to floors, but with this comes an uneven surface, which can be unsafe in busy family areas. Porcelain is created to be even and perfectly flat, providing a safe and durable surface covering. Each tile is manufactured to tight tolerances ensuring an even thickness and level surface for a secure surface underfoot.



Porcelain can withstand extreme weather conditions, and most tiles offer an excellent slip rating of R11 for added safety outdoors whereas natural stone and timber are prone to algae and moss which can cause discolouring and a slippery surface. Stone also features naturally occurring chemicals within the material, which creates the paving colour and natural shading, making it very difficult to get an exact match each time. Porcelain is printed using the latest HD technology, which eliminates extreme shading issues. The material can deliver a range of finishes from classic travertine to contemporary concrete and wood.

Detailed veining and stunning tonal variation create a look that's difficult to distinguish from real stone and timber, making it a stylish alternative that's easy to clean and maintain. Concrete stone effects in steely grey shades are proving to be popular with consumers, alongside the weathered, distressed looks of heavy wood grain designs.

Many people believe porcelain is difficult to install, but actually the opposite is true. Porcelain can be installed in the same way as a traditional patio, the only difference is that a priming slurry must be applied to the back of the tile.

Fewer grout lines are needed when using large format tiles which creates an illusion of space in small areas. As porcelain tiles are extremely robust and durable, they must be cut with a water-fed diamond blade, creating a precise and premium look every time.

Pattern has always been a massive trend within interior design, and this can be applied to porcelain tiles. Loose lay tiles in a variety of patterns and formats to make a space stand out from the crowd with minimal effort or create an interesting twist to a fixed patio with eye-catching diagonal layouts, herringbone and modular patterns, all of which deliver a more modern aesthetic.



You can also create paths and zoned areas with individual tiles that lead further into an outside space for an attractive, stable floor covering that connects the exterior of the house with the lower part of the garden or covered gazebo area. A stone effect porcelain tile in light beige on the patio, next to a much darker stone walkway clearly defines the space but connects the two together at the same time. For more eclectic projects, experiment with different sizes and textures by laying wood and stone effects side by side for a visually stunning combination.

For more information, please visit www.alfrescotiles.co.uk

HARD LANDSCAPE CARE COVERED WITH EXTENDED ECOPROTEC® RANGE

The growing popularity of outdoor living spaces has created new challenges for the landscape sector.



In response, LTP has developed three new ECOPROTEC® treatments to help maintain the appearance and safety of natural and engineered stone surfaces. All treatments are made in the UK and benefit from the most advanced research in water-based technology.

For new porcelain pavers, ECOPROTEC® Porcelain Tile Protector - a water-based 'pre-and-post-grout' treatment - creates a barrier, without forming a film or altering appearance. The Protector helps to improve and increase the working time of grouts and jointing compounds. It also greatly reduces the risk of staining. A further coat after installation makes ongoing maintenance easier too, protecting the surface from decaying leaves and foliage.

For existing pavers, the range also includes new ECOPROTEC® Blackstone - a restorer and protector for faded surfaces - and a new acid-replacement trouble-shooter, ECOPROTEC® Grout & Salt Residue Remover.

For more information on the new treatments and regimes, please visit www.ecoprotec.co.uk or contact LTP on tel. 01823 666213 and email technical@ecoprotec.co.uk



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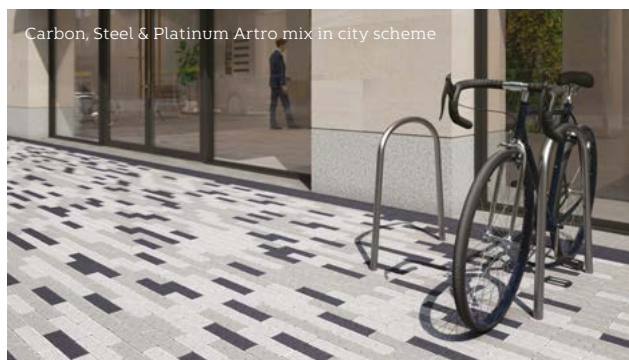
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TOBERMORE LAUNCH CREATIVE NEW PRODUCT AT LANDSCAPE EVENT



Autumn Artro with Platinum Artro in residential scheme



Carbon, Steel & Platinum Artro mix in city scheme

World-class paving and walling manufacturer, Tobermore, have launched a new linear paving product called 'Artro' at recent Specifi Landscape Event.

Landscape designers got the first look (and feel) of Tobermore's innovative plank paving range which is inspired by the intimate scale of traditional European clay pavers. With creativity at its core, Artro's strength lies in its ability to adapt to each application, throwing the doors open to creativity in layout and design.

Equally in a residential setting or busy public space, Artro draws on a range of laying patterns, jointing materials and colour mixes to create distinctive schemes with personality. The 80mm deep Artro blocks feature a smooth surface which is trafficable, making it the ideal paving solution for commercial, public realm and residential schemes.

Artro is available in seven vibrant colours, four cool tones and three warm tones, allowing specifiers to explore multiple multiple design concepts.

David Henderson, Managing Director at Tobermore commented:

"I am proud to launch Artro Linear Paving to the market. Modern plank-style paving has been up and coming on the landscaping scene in recent years. But we take this trend to the next level with the launch of Artro. This range provides a world of possibilities for landscape designers which is why Specifi's Landscape event was the perfect place to bring it to market."

For more information on Artro please visit www.tobermore.co.uk/Artro



Lodge Natural & Westbury Grey



Tatton Grey & Sand



Hampton Beige & Kenwood Ash



20MM OUTDOOR PORCELAIN



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Frostproof



Easy to Clean



Good Slip Resistance



Simple to Install



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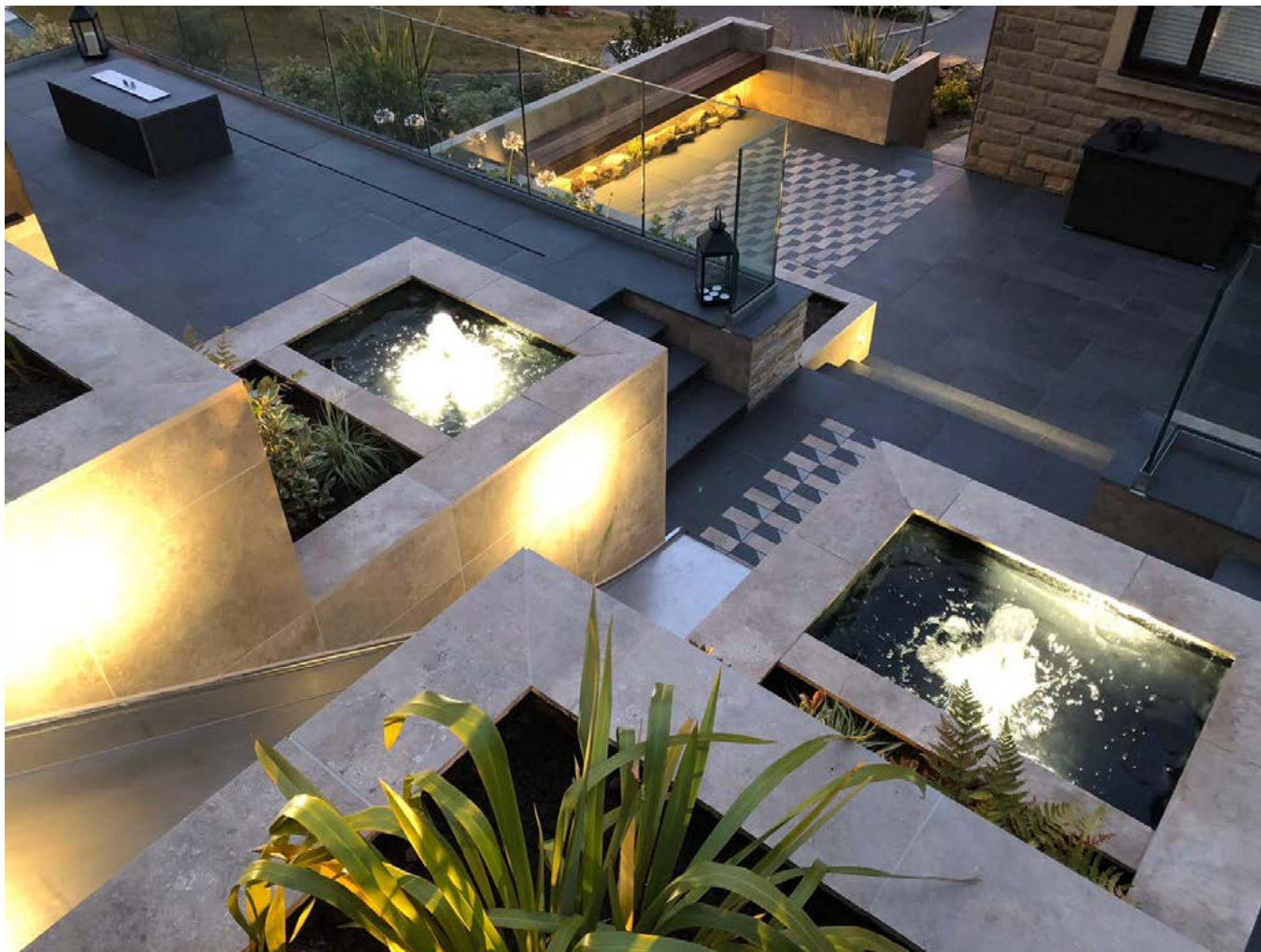


Robust & Durable

Our premium porcelain AI Fresco range features 20mm tiles for outdoor use with coordinating 10mm tiles for indoor use to create seamless open plan living spaces. With a wide range of designs ranging from classic stone effects, to modern concrete styles and even rustic wood grains - there's an AI Fresco tile for every project. We offer a range of display solutions alongside a comprehensive consumer brochure.



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20MM THICK PORCELAIN – UNLOCKING THE MYSTERIES AND OPPORTUNITIES

Clients are increasingly choosing 20mm thick porcelain over natural stone or cementitious products. Many material suppliers say that porcelain is their biggest seller. Stone installations can be very attractive, especially if properly treated and maintained, but may quickly lose allure with aging and ground-in detritus.

Discerning clients are turning to porcelain tiles as they offer many advantages, including:

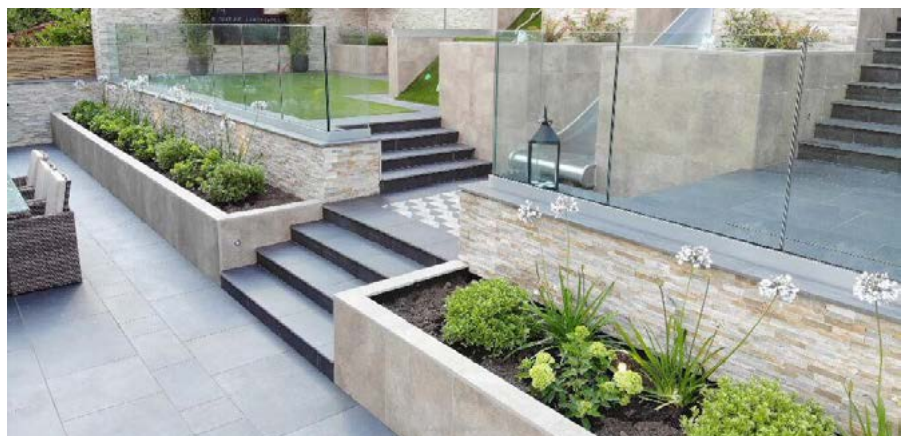
- Tiles come in a huge variety to suit many tastes.
- There are many tile suppliers offering huge choice within easy travel distance of most consumers.
- Porcelain is consistent over each tile range, allowing for a more precise installation
- We've seen images of absolutely stunning projects installed by professional landscapers. As experience of working with 20mm porcelain grows, landscape professionals are more confident in offering their clients a wider variety of attractive bespoke finishes such as novel patterns, star bursts, etched surfaces, bullnose profiles, steps and copings. These added value services liberate clients to realise real individuality in their gardens that may not be as readily achieved with natural stone or concrete.
- Porcelain is hard wearing and is a low maintenance product, certainly much less than for natural stone and concrete based installations.
- The material is almost (but not absolutely) impermeable. Porcelain can be easily treated to remove stains. Tile cleaning and protection solutions are simple to use, allowing porcelain to be brought back to a just-installed look with ease, year after year.



With increasing use of porcelain in landscaped areas, professional landscapers have recognised they need to;

- develop their 'porcelain' skills,
- obtain the best equipment for handling, processing/cutting and installing 2CM slabs
- understand the best techniques for preparing the beds, the best adhesives, membranes and grouts to use
- be able to advise clients on how best to clean and maintain porcelain surfaces.

We are often asked for advice from landscape professionals looking for guidance around 20mm thick porcelain. In response, Aquacut Group developed a series of demonstration days for those working in, or supplying the landscape profession. These demonstration days covered a wide range of topics from handling,



processing, installing, cleaning and maintaining 20mm thick porcelain in landscapes. The Q&A sessions during these demo' days were really engaging, illustrating the passion landscapers have for their industry and their quest for knowledge.

In view of the demand for our demonstration days, and in an endeavour to reach more professionals around the country, we decided to create a short booklet and offer it free of charge.

This booklet seeks to pass information and tips onto landscape professionals that may assist them in their journey into offering porcelain installations. While demand continues, we will continue to offer demonstration days, supplemented by our increasing video library accessible on our YouTube channel; (https://www.youtube.com/channel/UCH3E8n_ScMC1a59MijFSHAQ/videos?)

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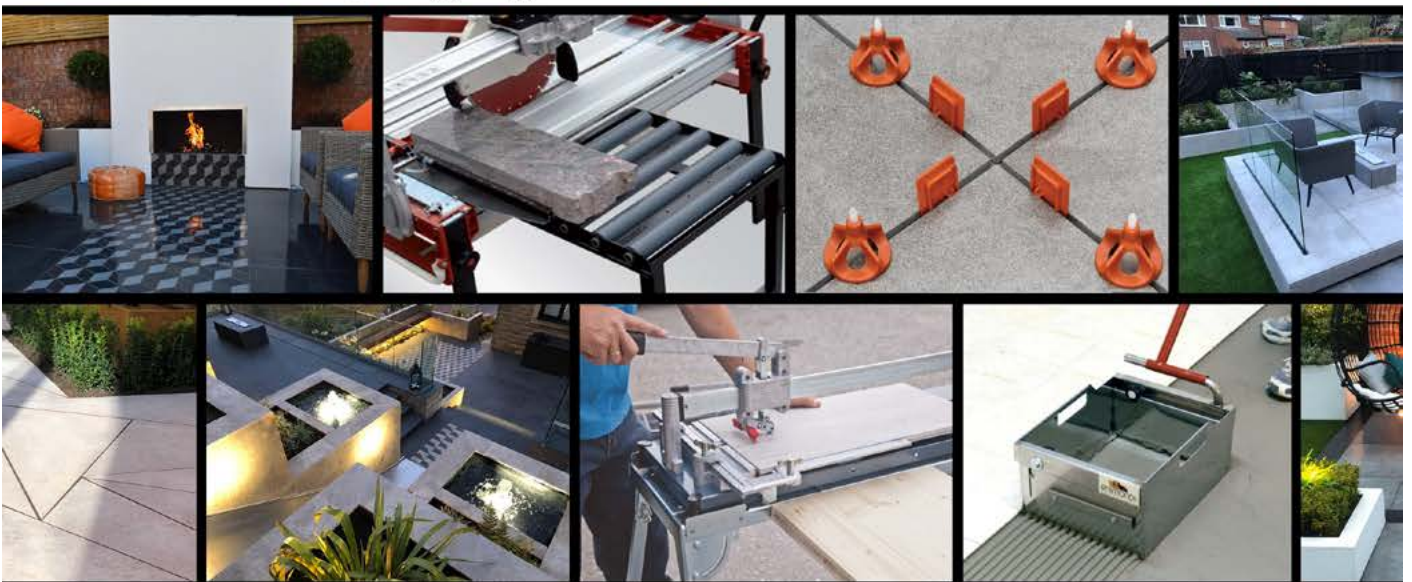
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PRIVATE LANDSCAPING PROJECT, HERTFORDSHIRE

Transforming an unkempt 200-year-old walled garden into a desirable outdoor space that can be enjoyed all year round was the challenge presented to Haddonstone by one of their landscaping clients. BALI registered cast stone manufacturer Haddonstone was commissioned by their Hertfordshire-based client to transform a large residential garden. Haddonstone's client had inherited the large walled garden when they purchased the property over 10 years ago. Whilst it certainly exuded charm, the client felt its original appearance was a little 'scruffy'. The client wanted to incorporate stylish hard landscaping elements that would add structure, whilst enhancing and complementing the original design.

The client originally worked on an outline design with a professional landscaper, before developing the plan to suit their individual tastes. They worked closely

with Haddonstone to develop a bespoke design that provided both practicality and a sharp, polished look. The client chose Haddonstone's products as a cost-effective solution that offered high-quality landscaping options that would work sympathetically with the original walled garden.

The client was keen to create several strong focal points and to introduce pathways to encircle the lawn, allowing the garden to be enjoyed all year round. They were also keen to play with perspective - important because the garden is formed across a number of levels.

Foremost, the client was keen to emphasize the significant redbrick entranceway to their garden, approached from a lower-level courtyard. Two existing original brick piers had crumbled and needed to be professionally restored by a specialist builder, so that

they seamlessly blended with the remaining wall. Haddonstone's cast stone pier caps and ball finials were then chosen to sit on top of the restored gate piers to protect the bricks and to enhance the entranceway. Haddonstone then worked with the client to produce two sets of cast stone steps that lead up to the upper garden. From the courtyard, this cleverly gives the perspective of just one set of steps and reduced the need to excavate too much ground, thereby exposing the original wall to the risk of collapse by using forceful digging equipment.

Inside the garden, a contemporary pool area was formed through combining Haddonstone cast stone steps, copings, a pool surround and additional pier caps and ball finials. The pool area was designed over three levels, using copings to skilfully incorporate the existing red brick wall.



Additional Haddonstone elements were chosen by the client including a State Vase and an Eastwell Urn, both of which created additional focal areas and are accessible from separate pathways. The client also chose several complementary Haddonstone Elizabethan Jardinieres and an Armillary Sphere sundial.

The entire landscape was completed using a combination of Haddonstone and TecStone material in Portland colour.

Haddonstone's client was delighted with the company's high levels of customer service throughout the project and the quality of the cast stone products. The company provided all technical drawings and were on-hand to assist, and to answer any questions. Delivery of the stonework by the company's own transport fleet with mounted forklift and the installation of the stonework by the client's contractor was straightforward.

Over time the Haddonstone landscaping elements have weathered but this has only added to the overall design, whilst working sympathetically with the original redbrick elements.

The client maintains an ongoing positive relationship with Haddonstone and continues to purchase their high-quality cast stonework for their garden.



THE TECHTURF ROOTZONE REINFORCEMENT SYSTEM

The TechTurf rootzone reinforcement system was originally developed in the UK following extensive research carried in the UK and USA.

Subsequent research showed that the use of mesh elements provided up to a 35% improvement in reinforcing effect when compared to all fibre alternatives. The TechTurf system provides a solution to load bearing; trafficked or high wear grassed areas and is SuDs compliant.

The system consists of 3 elements:

- a) The reinforced rootzone material
- b) Specialised fertiliser
- c) Specially grown turf to complement the rootzone

The TechTurf rootzone is reinforced with an exact percentage of randomly oriented polypropylene mesh elements. The grass roots penetrate and entwine with the mesh elements, stabilising the system and providing positive anchorage for the grass plants.



The result is an engineered natural grass surface with high load bearing characteristics, improved damage resistance and a unique cultivation property which overcomes the problem of soil compaction. It is an ideal solution for a natural, environmentally attractive area where excessive traffic loadings are anticipated but a natural grass finish is desired.

The system is therefore ideal for:

Walkways, Emergency access routes, Sport Surfaces, Aviation Areas, Equestrian, Landscaping, Housing Projects & Public Areas

Benefits of Naylor TechTurf:

- a) SUDS compliant - Excellent drainage properties.
- b) Invisible once installed but still performs.
- c) Improved root growth - reinforcement maintains hydration and prevents compaction.
- d) Natural Alternative - maintains the natural environment.
- e) No grid reinforcement visible.
- f) Versatile - Excellent in 'high traffic' areas giving a natural appearance but supplying a hard wearing surface.
- g) Ease of Maintenance - No special measures required.
- h) Cost Effective - a viable alternative to grid reinforcement.



www.naylor.co.uk

Benefits

- Attractive, natural grass surface
- High load bearing strength
- Resists rutting and compaction
- Clean and free draining
- Provides ideal source control for Sustainable Urban Drainage Systems (SUDS)

Suitability

- Events and amenity areas
- Emergency vehicle access roads (inc. HGV)
- Overspill car parks
- Sports surfaces
- Source control for SUDS

TechTurf Systems



The Naylor TechTurf reinforced grass system consists of a specially prepared sand: compost rootzone into which is blended thousands of small interlocking mesh elements. Selected turf and fertiliser are supplied to establish grass cover.

As the grass roots develop they penetrate through the mesh to form a deep anchored root system and a very stable rootzone. The result is a free draining natural grass surface with no visible structures, compaction resistance and high load bearing capabilities. TechTurf is supported by over a decade of high level civil engineering and agronomic research.





INTRODUCING RESIN BONDED LTD

Resin Bound driveways are rapidly becoming the first choice for home owners looking for an alternative to conventional concrete, tarmac or block paving.

As the demand for Resin Bound driveways increases over the UK now is an excellent time to enrol in our very own BoundWorx® Training Course. At Resin Bonded Ltd we hold regular training courses to suit any contractor's busy schedule. Our aim is to confidently extend your skillset in the system, with a combined knowledge of over 20 years in the Resin Industry our trainers are amongst some of the leading experts in the field - there isn't a Resin Bound question we haven't heard before! We have devised a two part training programme comprising Office based theory session, to

include a "hands on" practical demo, which is then followed by an On-Site installation training day, with our specialist trainers working alongside you to execute a superb driveway, patio or pathway.

On arrival at your BoundWorx® Office Training day we will welcome you into our Training Centre where you will be given a starter pack with all the information required to carry out a successful Resin Bound installation. Martin, our director will then give a detailed presentation, providing a step by step instruction booklet on the laying process and answering any technical queries you may have. Having started the company in 2003 Martin has a vast array of knowledge and experience within the market, and can assist with any forthcoming Resin Projects

that you may have. The session is then followed by a practical demonstration giving you the opportunity to trowel the materials on a test area and ask any further questions which may arise.

Following on from the Office Based Training day, to ensure best practice we highly recommend the second phase to our programme, the On-site Training. Our trained resin specialist will attend your project bringing some of the essential tools and plant required to complete the job, then work with your team to deliver an expert finish, giving you the confidence and knowledge to take the product forward. The main advantage of On-site Training is that you are benefiting from our experienced trainers guiding you through the process to ensure that



your team are achieving the best possible finish. Our trainer will be on hand to help you deal with any potential problems that may arise, whilst talking you through potential pitfalls and best techniques for getting an exemplary finish.

Why such a surge in Resin Driveways you ask? It's simple. The Resin BoundWorx® system leaves a striking finish, which is sleek, elegant and durable. The blend of natural stones with our very own UV stable Resin forms a permeable and efficient surface which is attractive and practical. What's more there are a wide selection of colours available, allowing you to choose a colour to complement your home, creating a stunning look that gives instant kerb appeal. But it's not just about driveways, paths and patios. Playgrounds, public footpaths, car parks, practically any external surface can be transformed. What's more, Resin BoundWorx® system can be laid onto a structurally sound existing concrete or tarmac surface therefore on average domestic projects, the work can often be completed in a day.

Unlike tarmac, the UV stable Resin Bound maintains its natural stone colour and if maintained well, with an occasional pressure wash, it will retain its stunning look for years to come. Whilst not totally impervious to weeds, Resin Bound surfaces are generally less susceptible. Any weeds that do take hold can be treated with an appropriate weed killer or removed from the surface by hand.

Resin BoundWorx® driveways are a smart choice. If applied onto a suitable base the water drains naturally away conforming to government legislation concerning SuDS (sustainable urban drainage system) and in many instances

avoiding the costing and lengthy planning consent usually required when installing a driveway. With a wealth of technical knowledge, alongside the great dedication of our staff we offer competitive pricing and pride ourselves on delivering the best customer service. In conclusion; whether you a contractor looking to be trained in Resin Bound, or are currently installing Resin Bound materials, please don't hesitate to give us a call. Resin Bonded Ltd are more than happy to help.

www.resinbonded.co.uk



YRC RESIN DRIVES OF DISTINCTION COMPLETES ITS LARGEST INSTALLATION AT GRANTLEY HALL HOTEL AND SPA

A Harrogate-based resin driveway company has completed a resin bound installation contract at one of the country's newest luxury hotels and spa retreats.

YRC Resin Drives of Distinction was commissioned by Grantley Hall & Spa to lay a new resin surface to its courtyard and front car park.

The hotel, near Ripon, opened last year following a £70 million, four-year transformation of the former country home and one-time West Riding County Council adult training centre, into a boutique five star 47-bedroom hotel.

For its part, YRC - which launched in 2007 by Mark Kennedy - laid its Resiflex bound gravel to the prominent areas in front of the hotel's main entrance.

YRC's Resiflex bound gravel is designed to be installed on a variety of finishes. The benefits of which include a natural long-lasting appearance which is permeable and provides a smooth finish, is naturally anti-slip and low maintenance.

A wide range of colours are available, including "Devonshire", the choice of Grantley Hall.

Mark Kennedy said: "Grantley Hall has rightly taken its place as one of the most luxurious hotels and spas in the country, and I'm delighted that YRC has played its part in this impressive project.

"The stone aggregate and resin are 'bound together' using a specialist mechanical mixer which wraps the resin around the stone. It's then installed on to the surface by hand

by our directly employed, trained, installation technicians which ensures that we facilitate the control and quality.

"It was a great project for YRC to be involved in and gave us the opportunity to show case perfectly the quality of our workmanship."

Richard Sykes, Managing Director at Grantley Hall, said: "The customer experience begins with their arrival at Grantley Hall and first appearances very much count. We are delighted with the work of YRC and the courtyard and carpark look superb."

Further information about YRC can be found at www.yrc ltd.co.uk

BoundWorx®

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THE FUTURE OF LANDSCAPING – RESIN BOUND

Resin Bound surfacing has taken the landscaping industry by storm with a surge in popularity over the last 5 years, making it the fastest growing surfacing application in the UK.

Compared to other surfacing solutions such as block paving, concrete and macadam, resin bound offers considerable advantages and is being viewed by many designers and contractors as an integral feature of landscaping and the ideal solution for driveways, paths and patios.

One of resin bound's key advantages is permeability. With urbanisation, flood risk and unpredictable weather becoming everyday issues

with serious consequences, homeowners are increasingly interested in 'futureproof' solutions; equally importantly, government legislation now insists all new driveways must comply with SUDS (Sustainable Urban Drainage Systems) regulations.

Resin bound is SUDS compliant, and planning permission is not required providing a porous subbase or suitable soakaway exists. It can handle up to 850L of water per m2 per minute!

Furthermore, resin bound is fade, weed and frost resistant. As well as these practical benefits, it also has



considerable aesthetic advantages. The range of colours available is incredible and design opportunities are limitless. From geometric patterns to personalised letters; bespoke logos to contrasting colour blocks - the design of any resin bound project is limited only by imagination.

DALTEX - The No.1 Brand in Resin Bound

The importance of using clean, dried aggregates and high-quality resin sourced from a reputable manufacturer cannot be overemphasised. Derbyshire Specialist Aggregates is the manufacturer of DALTEX - the UK's no.1 brand for resin bound and takes tremendous pride in the quality of its product.

DALTEX dried aggregates are meticulously dried and screened and combined with DALTEX UVR resin to deliver a beautifully consistent finish. The DALTEX UVR Resin Bound System has also been awarded certification by the BBA (the British Board of Agrément).

DALTEX Bespoke Range

The company has recently expanded its popular DALTEX Bespoke Range which now features 46 stunning colour blends. Each blend is made up of different aggregate sizes and textures and the range is designed with both residential and commercial projects in mind.

Colours span the spectrum - from rich reds to stylish greys to soft and subtle golden browns, and everything is covered from contemporary urban homes to traditional countryside cottages and car parks to walkways.

Come direct to the manufacturer

As the manufacturer, there are many benefits to coming direct to Derbyshire Specialist Aggregates.

The company guarantees 100% stock availability - and nationwide next day delivery is available. The support and backing of a great team are also priceless. With over 35 years of experience, customers particularly appreciate the knowledge and advice the sales and technical teams provide about every aspect of an installation from specification to installation.

A package of marketing support is available which includes a professional Daltex Bespoke display case to help homeowners choose their ideal blend.

Interested in training for Resin Bound?

There is much to consider when applying a resin bound system. Derbyshire Specialist Aggregates is committed to providing the advice and training needed to help specifiers and contractors deliver stunning resin bound results.

A resin bound training course is run from our purpose-built training facility in Derbyshire. This full day course is run by independent, expert contractors - offering hands-on



training and detailed presentations explaining the preparation and installation procedures required for Resin Bound including the material used, how it is mixed and applied.

The full day course costs £75pp (exc VAT) and comes with a free sample case worth £20, a hydrometer and thermometer.

Frequently asked questions are answered in the Knowledge Centre at resinbondedaggregates.com which contains video content, up-to-date information and instant answers.



WANT TO KNOW MORE?
Based in the heart of the Peak District National Park in Derbyshire, we actively encourage visits to the manufacturing site.

For more information, or to come and meet the team, please contact:
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E: leanne@derbyaggs.com
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HITCHIN TOWN CENTRE PAVING REFURBISHMENT

In talking to Local Authority Engineers recently, it has become very clear that the information in an independent Investigative Report, which was made following a detailed 8 year durability evaluation and with site inspections by the team from Paving Expert.com that was carried out approximately 2 years ago in 2017, would be of tremendous assistance to ALL Town and City Councils, District and other Unitary Authorities around this country.

The Historic Hitchin Market paving refurbishment and repointing project using GftK's vdw 850 plus Paving Joint Mortar was now carried out after extensive evaluations and field testing for 12 months by the responsible engineers, completed 10 years ago, and just as in the inspection two years ago, in 2019 after 10 years service, it is still look good, performing in all weather conditions and under frequent heavy trafficking of this busy market square!

The Hitchin Town Centre Paving Refurbishment Inspection Report in full can be viewed www.pavingexpert.com/point_ncc06.htm

'After 8 years it looks like it was jointed yesterday!' - These were the words from www.PavingExpert.com when they visited to inspect the paving refurbishment that they had last witnessed underway on the site eight years ago, when the traditional granite sett paving of the historic Hitchin Market Square in Hertfordshire, was refurbished and repointed with GftK's vdw 850 Paving Joint Mortar. The expert continues: 'Oh yes - The paving had been patched and pointed, re-pointed and grouted, glued and all sorts over the years, but nothing lasted long. They might get a couple of years, but before you knew it, the setts were a rocking and rolling all over again. Faced with the prospect of having to lift and re-lay the whole square, at huge cost, the Local Authority and their Consultants undertook some tests and decided to have one last roll of the dice with what looked like a very promising product: VDW 850 resin jointing mortar by NCC Streetscape.'

Like many old town centres and market squares, this is now a very different and demanding environment for paving and particularly the pointing, due to

multiple heavy duty loadings and all sorts of modern traffic exposure, plus frequent mechanical street cleaning etc.

However, working in phases, without closing the market, this project was completed on time and on budget, because work could continue and be completed using GftK's vdw 850. This unique paving joint mortar is based on graded, water dispersed, epoxy resin coated and bound, alluvial, no-fines quartz sand. No-fines means no-dust produced in mixing either - very important for occupied streets with people and businesses continuing to work. Just as the contractor can continue to work, even despite the wet weather and low temperatures throughout, which would have made any cement based or single-pack paving pointing mortar useless and doomed to failure.

Today after now 10 Years, the historic market paving is still looking great, a valuable asset to the Town; most importantly it will also continue to do so!

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ADDAGRIP TERRACO

CELEBRATES 40 YEARS OF EXCELLENCE



Addagrip Terraco Ltd, part of the Terraco Group, is delighted to be celebrating 40 years in the resin industry this year. We share this milestone birthday with the Terraco Group which also celebrates its 40th in 2020. As a manufacturer, formulator and supplier of quality resin surfacing systems, Addagrip Terraco was the first resin manufacturer to achieve BBA certification for its resin bound porous surfacing systems Addaset, Addabound and Terrabound.

Our Resin bound surfacing systems provide a seamless, decorative, porous surface that can be installed over existing or new concrete or asphalt to create a hard wearing, low maintenance paving that is aesthetically pleasing and has good slip resistance. The system is suitable for Commercial and Domestic schemes alike to include footpaths, courtyards, swimming pool surrounds, driveways, car parks and access roads and the extensive range of natural aggregate blends offers a wide range of design possibilities. For peace of mind, our BBA approved systems come with a Product Guarantee of up to 25 years.



For those sensitive sites, where asphalt or concrete bases are not suitable or practical, Addagrip Terraco offers Terrabase Rustic, a patented no-dig paving system that can be installed over a Type 3 base or in some instances, directly onto the earth. Using a 6-10mm aggregate size, the system provides a rustic looking, porous paving ideal for creating seamless, low maintenance pathways and domestic driveways without the need for invasive groundwork.

If you are looking for a more flexible, practical paving Addagrip Terraco offers our latest addition to the external surfacing range, Addaflex-R, a resin bound product using recycled tyres and natural aggregates.



So, whatever your requirements, Addagrip Terraco has a resin surfacing solution to suit your individual project needs and with 40 years in the industry, we've covered a lot of ground!



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**TOP TRENDS
IN LANDSCAPING STONE**



Slate, Cotswold and Pea Gravel have been used by landscapers and DIYers for decades but these established favourites are being challenged by new products which give landscapers the chance to offer clients a wider variety of colour and materials to meet consumer trends.

With this in mind Long Rake Spar are committed to being at the forefront of product development by continually introducing new products to the market. This has led the company to create a range of unique and exclusive decorative aggregates that reflect current trends in hard landscaping.

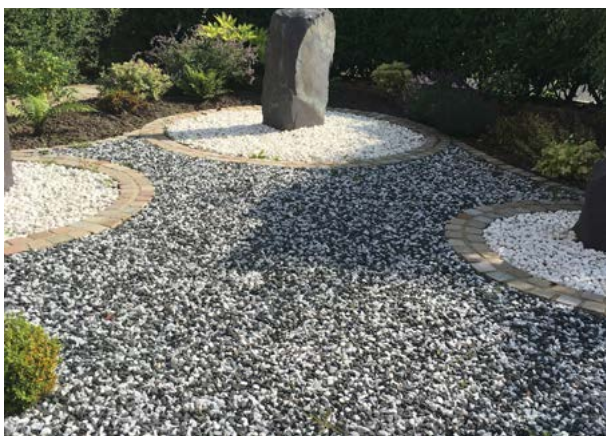
Sales of Long Rakes Platinum Range of exclusive products have repeatedly grown year on year making them a popular choice within landscape design.

To ensure the continuing success of their Platinum range, Long Rake closely monitor current patterns in landscaping. Over the last few years we have seen a rise in the popularity of grey colour tones, with sales of products that complement this colour palette increasing.

Currently Long Rake's top selling decorative aggregate is Black Ice which is a mixture of blacks, blue, grey and white chippings. Also in the top 10 are Polar Ice, Flamingo and Polar White gravels, all of which feature the contemporary colour tones of white, blue or grey. All of these products look fantastic by themselves or combined with grey paving.

Millie Ferns, Long Rake Spar's Marketing Director commented "Over the last three years we have seen the colour grey become a central requirement for landscape design, outselling the staple favourites of buff and golden colour products. Our product development reflects this and has returned some surprising results".

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GROSVENOR SQUARE RE-DESIGN TO CREATE LONDON'S MOST OUTSTANDING GREEN SPACE

Grosvenor Britain & Ireland announces that Tonkin Liu has been appointed to re-design London's Grosvenor Square ahead of its 300th anniversary.

Situated in the heart of Mayfair, the Grade II listed square has a rich history that can be traced back to 1726. It has housed presidents, protests and even a WW2 blimp - the first to be staffed by an all-female crew - and has been continually modified throughout its history to meet the changing needs of those around it.

However, today it has a low profile and offers limited amenity to the many who live or work in the area.

Over the past three years, Grosvenor, which manages the public garden on a not for profit basis, has been working with local residents and Londoners to build a shared vision for its future: to enhance the square's contribution to Mayfair and London by making it more sustainable and welcoming.

These ambitions will be brought together by Tonkin Liu in a design developed with the active participation of Mayfair's many communities as well as people with an interest in the future of public gardens.

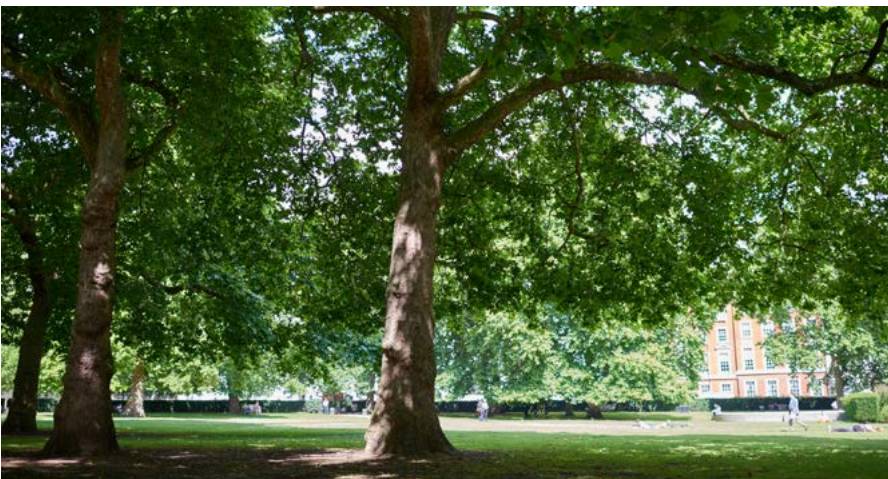
By reinventing how the square contributes to the environment, and the well-being and needs of people who rely on it, Grosvenor plans to create the capital's outstanding green space and a future for the square focused around the community.



Tonkin Liu has been appointed following a six-month long formal competition incorporating some of the world's leading design and landscape teams as well as selected entrants from Grosvenor's 2018 international Call for Ideas. The emphasis of their design process on connecting people back to nature, collective storytelling and community involvement were key factors in their success.

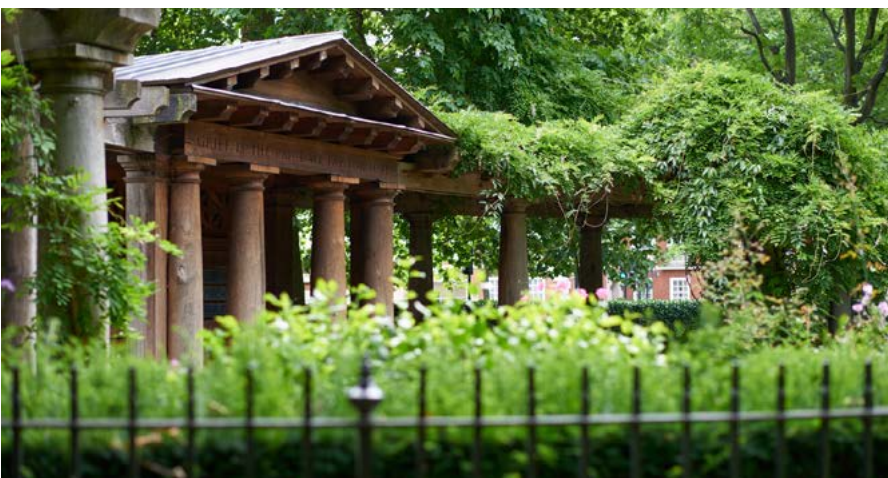


James Raynor, CEO of Grosvenor Britain & Ireland, said: "Grosvenor Square's original purpose was to bring the countryside to the city, it was the first of its kind and caused a sensation. However, today it provides limited benefit to Londoners, their well-being or the environment. Now it can once again become the capital's most outstanding green space.



"Tonkin Liu has an impressive track record as a sustainable design studio, and as a champion of the garden square and public participation. We are excited to work with them on this project."

Anna Liu, Director, Tonkin and Liu added: "As Londoners and as architects, we are thrilled to be part of this important moment in time, for the transformation of Grosvenor Square through an ecological and community agenda. Having responded to the shared vision put together by Grosvenor, local residents and Londoners, we will use nature and collective storytelling to deliver a vision of local and universal resonance."



www.tonkinliu.co.uk



LEEDS PLAYHOUSE GATEWAY COURT

This stunning public space is part of the Leeds Playhouse and Leeds City College improvement scheme, which links the two buildings and draws in the city centre, overlooking the new Victoria Centre by Eastgate roundabout. The new green area is just one part of Leeds' bid to become the European Capital of Culture for 2023.

The one-acre triangular site, invites connections between the city centre and the main entrance of the Playhouse and campus. Rising 6m in height from Eastgate roundabout, fully accessible routes are created by a series of shallow ramps, winding their way through pleasant lawned banks, and relaxing seating areas, situated to capture the best of the sun. Low level shrub planting and semi-mature trees add to the calming space.



Green-tech involvement:

All of the trees within the landscaped area of Gateway Court are in soft landscaping, situated in either beds or lawned areas. The trees are stabilised by using Green-tech's Contact 10 strap anchor system. Far superior and neater than traditional belt and stakes, the kit features wide strapping to prevent damage to the root ball, with a ratchet tensioner to allow adjustment while levelling, and a final tight, secure hold.

To ensure adequate water is delivered to the trees roots during the critical early establishment years, each tree was fitted with Green-tech's Mona Relief ring. A robust, perforated pipe sits around the root ball and, via a capped filler pipe, provides a cost effective, easy to use irrigation solution.

Terram Rootguard root barrier was also supplied. Manufactured from polypropylene fibres, it is resistant to biodegradation and is ideal for keeping roots away from paving and service lines.



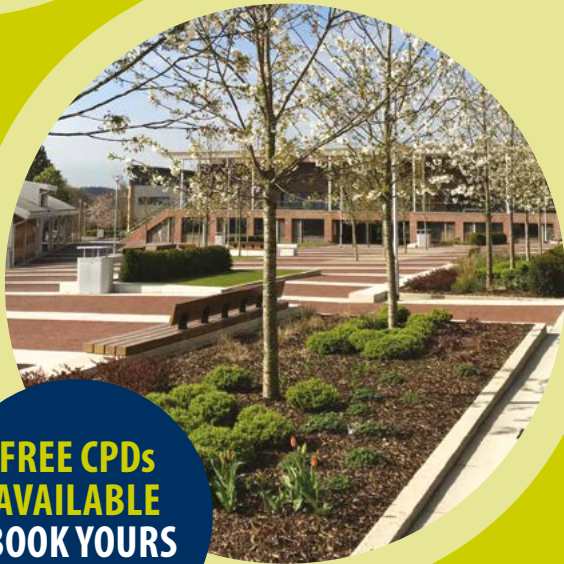
Jordan Webster - Green-tech Key Account Manager comments, "Gateway Court is in a key part of Leeds, highly visible to shoppers, commuters, students and theatre-goers. Both architect and contractor have done a fantastic job, turning what was a grey, hard landscaped area into a green oasis in the middle of the city."

Ricky Whiteman - Gavin Jones Ltd - Head of Estimating North added, "Once again, it was a pleasure to work with Green-tech. The guys fully appreciate that projects are often a moving feast, and it is nice to use a supplier that we can rely on to deliver things when and where we need them."

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GREEN INFRASTRUCTURE: THE MANY UPSIDES OF LIVING WALLS

The science shows us that the benefits of incorporating living walls into urban environments extend far beyond the visual aspect. Improving air quality, aiding biodiversity, and enhancing people's moods can all

be attributed to the plants which make up our green walls and their incorporation can be a key factor for organisations in meeting their sustainability targets.

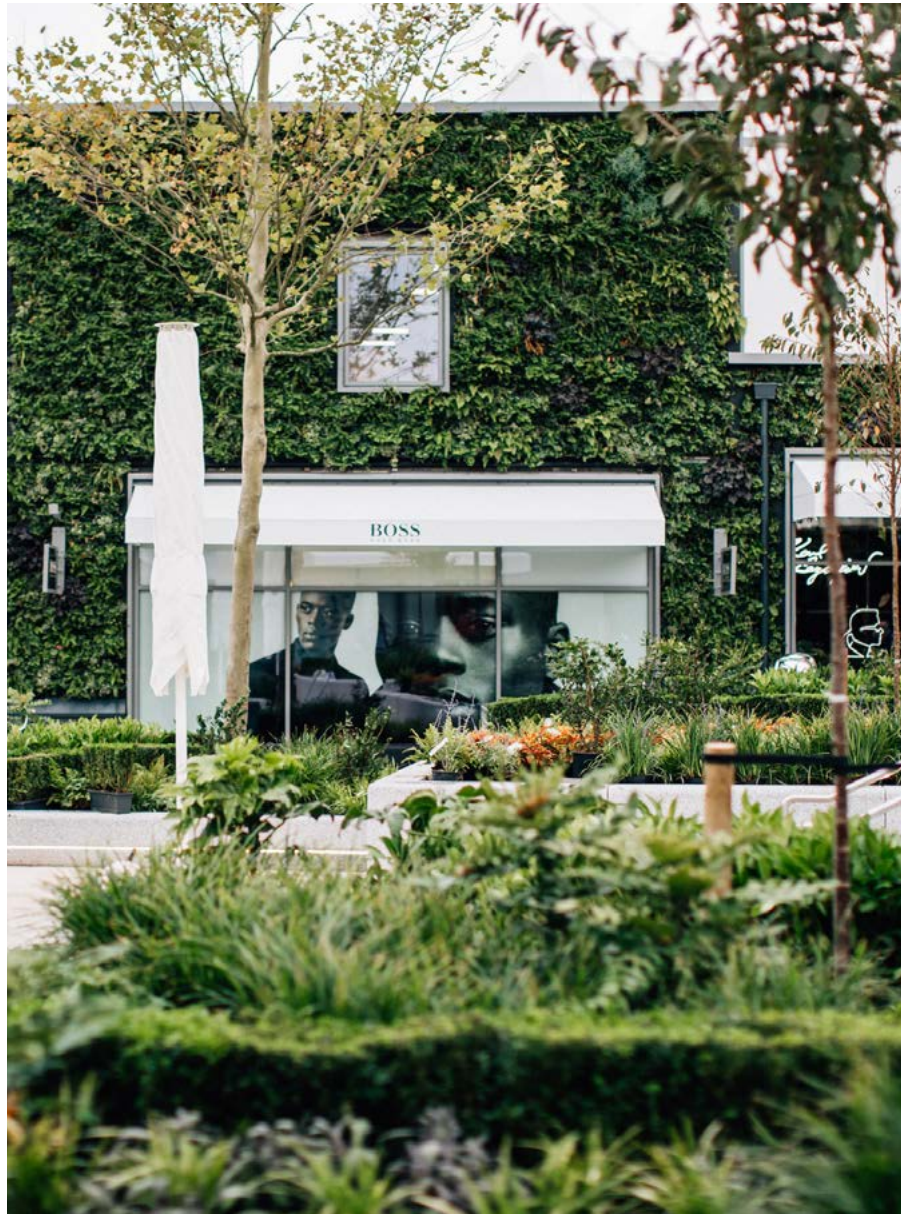
REMOVING AIR POLLUTANTS & IMPROVING AIR QUALITY

According to Defra, "Air quality is the largest environmental health risk in the UK". In many of our cities, the air quality is so poor that the level of



pollution regularly breaches EU and World Health Organisation guidelines.

Plants are known to remove pollutants from the atmosphere by trapping and absorbing them through their leaves and roots. Biotechture is developing a dynamic living wall technology called Active Air, which uses the whole system of plants and substrate to significantly reduce nitrous oxides, volatile organic compounds and particulate matter, and create targeted clean air zones for pedestrians.



AIDING BIODIVERSITY

We're finding that the biodiversity benefits of our living walls are increasingly of interest to our clients. They love to hear that the plants in their wall will offer shelter and food for their local birds and insects. The most obvious of these that we tend to see in our walls are bees and butterflies, but many other pollinators and small creatures find valuable forage in urban areas.

HEALTH & WELLBEING

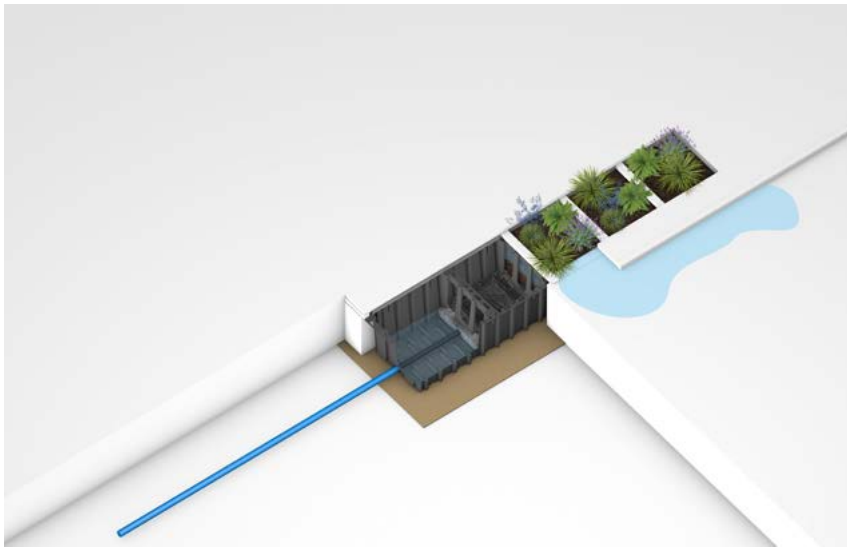
Spending time in a natural environment has been shown in studies to have a positive effect on people's mental wellbeing as well as their cognitive function, and our living walls bring the calming influence of nature into all types of urban environments where previously it was lacking.

SUSTAINABILITY CREDENTIALS

Increasingly, sustainability targets are the driving force for our clients incorporating living walls into their projects. This is where Biotechture's water efficient living wall system offers an ideal solution as it directs water straight to the root zone and uses three to four times less water than an equivalent area of horizontal landscape.

If you'd like to discuss how our living wall systems could benefit your next internal or external project, contact Biotechture on:
01243 572118
enquiries@biotechture.uk.com
www.biotechture.uk.com

LAUNCHING HYDROPLANTER™



GreenBlue Urban are excited to announce the launch of a new modular bioretention raingarden system, the HydroPlanter™. The latest product can be retrofitted into highways schemes and on new developments of any size.

The “Plug and Play” sustainable urban drainage solution can attenuate and cleanse stormwater and provide amenity and biodiversity to new and

existing spaces particularly suitable for highway build outs, central reservations and verges. A single modular unit would also be suitable for new housing developments tackling SuDS solutions when space is at a premium. The HydroPlanter is an easy to design solution with drag and drop CAD drawings available via the GreenBlue Urban website.

The modules are manufactured in the UK from 100% recycled material that can be filled with a soil specification and planted with wildflowers and biodiverse grasses.

The concept is flexible, scalable and each unit stacks together to be a convenient solution that any subcontractor can work with and install. Installation is fast, simple and offers significant cost savings to alternative methods.

The complete package is available to include soil, drainage, stone and planting schemes. The HydroPlanter fully meets all requirements of the 4 pillars of SuDS outlined in the CIRIA manual.

For detailed specification of the new HydroPlanter including internal build ups, suggested planting schemes and UK Hydraulic Performance design tables visit the GreenBlue website at <https://www.greenblue.com/gb/products/hydroplanter/>

GreenBlue also offer dedicated SuDS CPD's with lunch included, should you wish to discover more do express further interest by emailing Hello@greenblue.com or by calling 01580 830800.

HydroPlanter™

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IT'S NOT JUST GOOD, IT'S EVEN BETTER

A PRESTIGIOUS GOOD DESIGN AWARD FOR CZECH BENCHES PIXEL AND LANDSCAPE COMPACT

Headlines about how Czech design is taking over the world are old news. Now, Czech design has a permanent place on the international scene. One of many examples is street furniture, exported from the Moravian town of Bílovice to locations around the world. In addition to a series of successful projects, the quality of Czech design is proven by a prestigious award. Two benches from mmcité, Pixel and Landscape Compact, have received a Good Design award for 2019.

Chief designer of mmcité and co-creator of both award-winning products, David Karásek, has a clear vision for the definition of good design: "Good design for me is the same as a good product. That means it is functional, well made, and has a form which stirs up your emotions." His outlook is shared by the Chicago Athenaeum, who gave mmcité a 2019 Good Design award for not one, but two products: Pixel and Landscape Compact. These awards have been running for almost 70

years, making them not only one of the most prestigious, but also among the most historic awards worldwide in the field of design.

A playful mosaic for grown-up spaces. This is Pixel - winner of Red Dot and Big SEE awards. Street furniture as a mosaic of square modules arranged into almost any shape. Symmetrical, regular, and even completely irregular patterns make for a brand-new way to liven up a public space. Pixel is also a



model example of sustainability and mindful use of resources: it is made from short wooden lamellas left over from the production of larger benches. Co-creators of the product are design duo Herrmann&Coufal, and you will find interesting Pixel bench arrangements in a number of major European cities. Pixel will soon also be seen lighting up the area around Montjuic castle in sunny Barcelona.

The bench as a landscaping element. This is Landscape Compact - long straight and wavy lines, coloured with a lengthways wooden stripe.



Its striking side profile, with the classic spacing between the seat and backrest, determines the basic form. A bench with a high raised backrest subverts the usual dimensions you would expect, and this restrained extravagance grabs your attention. The individual building blocks can be combined almost limitlessly to create elongated arrangements with curved and straight sections. Having already taken honours at the ELLE Decoration and Best of Products awards, it is now a proud Good Design winner.

The fact that design and production is, above all, a team effort is testified not only by the production line, but also the in-house design studio itself at mmcité. From the very first sketches and brainstormings with designers, right up to the last metal rivet, our products pass through the hands of dozens of people. They say that only well drilled teams and happy employees will do the best job. For teamwork like that to be seen in public, that is the result of success in the business world, too.



In its home country, the Czech Republic, mmcité was awarded the title of Company of the Year 2019. A great deal of thanks is in order to everybody who contributed to this journey.

www.mmcite.com

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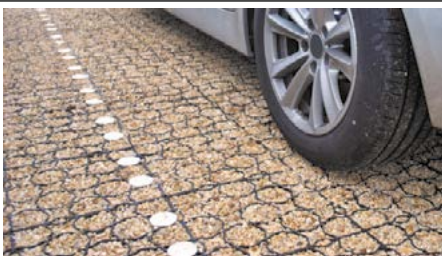
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Since the organisation was founded in 1994, NBB has gained a wealth of experience in designing and manufacturing outdoor shelters. The company prides itself on its hassle-free quotation service available for bespoke options, as well as the quality and longevity of the outdoor shelters they produce.

One bespoke project recently completed by NBB was that for a pharmaceutical company in Cambridge, who required a covered area at the back of their carpark for staff to enjoy during breaks. The carpark, which is surrounded by trees, had been allocated an area for a covered shelter and seating. The brief provided to NBB was to incorporate a shelter that enhanced the natural surroundings and created a tranquil and relaxing space, both protecting employees from the elements and providing smokers with a designated area away from the main building.


The NBB design team visited the area to get a feel for the surrounding landscape and to take full measurements of the available space. Working on a design, the team

produced a stylish shelter in umbra grey with a bronze tinted roof to ensure a relaxing feel and to create a floor shadow, making the shelter blend in with the surrounding natural environment. A glazed back, sides and partially glazed front was installed to offer protection from bad weather but also to provide a slight reduction in car park noise. The shelter was finished with flood lighting, to enhance safety and eco-friendly outdoor furniture—made from 100% recycled plastic, which is also provided by NBB.

To find out more about NBB Outdoor Shelters, their range of facilities management products and recycled plastic furniture, visit www.nobutts.co.uk or call 0800 1777 052.



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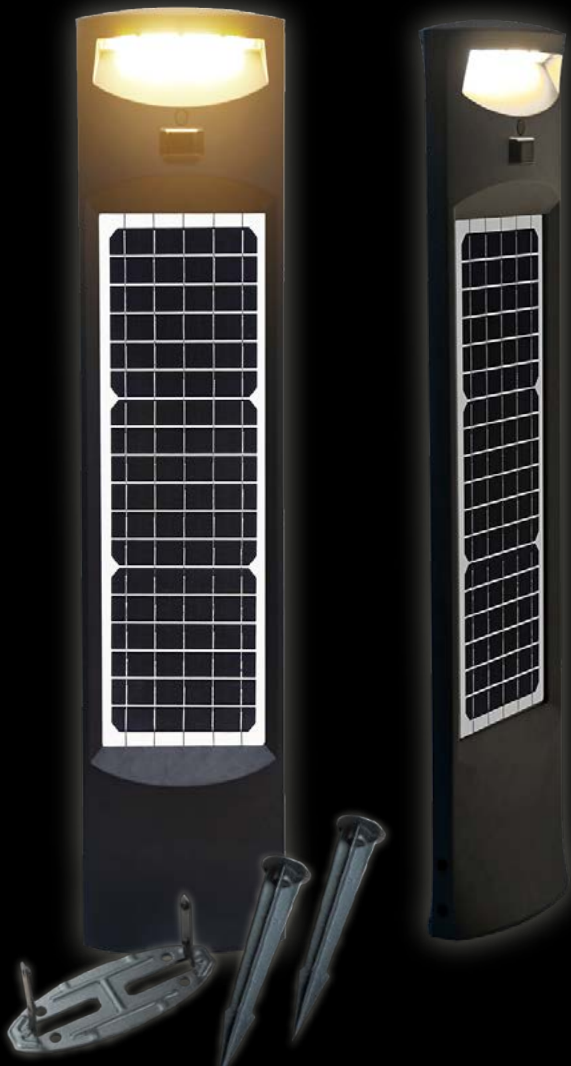


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MILLBOARD'S NEW SHADE IS THE MOST MULTI-TONED YET 'ANTIQUO OAK' ADDED TO THE ENHANCED GRAIN COLLECTION

Luxury decking manufacturer Millboard is well-known for being ahead of the style curve, and this spring, the company yet again confirms that reputation with the release of their latest colour option, Antique Oak.

Antique Oak's natural, warm hues are similar to the tones of tropical hardwood, and the appearance is reminiscent of attractively aged flooring. Antique Oak boasts more tonal variation per individual board than any of the other colours in the Millboard range, providing a beautiful and organic look. The layered accents of Antique Oak integrate flawlessly into heritage designs but also serve as an ideal complement to the new, bold colour

palettes being displayed at today's contemporary garden shows. This new shade joins Millboard's popular Enhanced Grain range - a collection moulded from selected smooth timbers to showcase the natural grains and nuances perfectly. As with the rest of the collection, Antique Oak benefits from Millboard's attention to detail and outstanding craftsmanship. These highly-durable decking boards are virtually indistinguishable from real wood, but unlike real wood or composite equivalents, won't rot, split or warp. The material requires minimal maintenance, is slip resistant with a high grip surface even in the wet, and is even engineered to resist stains from food, drink and algae.

With these authentic good looks and performance attributes, it's no surprise that Millboard is so beloved by architects, landscapers and homeowners. The complex multi-tones of Antique Oak have been a hit within Millboard's focus groups, and when the product is released to the public this month, is expected to be a popular choice for both classic and cutting-edge garden designs.

For more information, please visit www.millboard.co.uk/products/enhanced-grain-decking/antique-oak/ or speak to Millboard on 02476439943

JAPANESE KNOTWEED™ TO BE IGNORED

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TREATMENT

REMOVAL

GUARANTEE

Japanese Knotweed Ltd has a proven track record for eradicating Japanese knotweed for major building developers, local authorities and private landowners. We pride ourselves on becoming one of the leading Japanese knotweed removal experts in the UK.

Our highly knowledgeable and skilled staff provide a comprehensive service and are committed to providing the highest level of customer care. With a range of guaranteed, cost-effective and efficient eradication solutions, we work closely with our clients to meet all requirements.



DO YOU have Japanese knotweed on your site or property?

ARE YOU looking for tailor-made, efficient knotweed remediation options?

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contact@knotweed.co.uk

“ Very professional and they dealt with our Japanese knotweed in a timely, practical and affordable manner.
- Christopher Hill, Taylor Wimpey West London Ltd ”



★ Trustpilot



Figure 1: Initial Knotweed Growth



Figure 2: Zig-zag appearance of the stem



JAPANESE KNOTWEED: THE SEASON IS UPON US

Early Season Identification

You might have noticed as the weather improves and the days become longer, that Japanese knotweed growing season is upon us. The emergence of knotweed depends on the weather, but as a guide, it starts to appear between March and April, with shoots that look like red/purple asparagus spears.

As it grows, the shoots uncurl, revealing lime-green shovel-shaped leaves. The stem has the indicative zig-zig, with visible purple speckles. The fastest growth-period is during spring and by late spring, canes can reach up to 3 metres high.

Japanese Knotweed: The Unkillable Thug

Despite claims by some companies, Japanese knotweed cannot be killed or eradicated by herbicide application alone. It can be controlled via herbicide treatment, but the only way to eradicate it from a property is via excavation. Our excavation methods fully remove the knotweed from the ground. Our experts ensure complete Japanese knotweed removal, because leaving as little as 0.7g of rhizome could mean that knotweed re-grows.

Treatment vs Removal

Treatment of Japanese knotweed is accomplished through our Herbicide Treatment Programme (HTP). An HTP involves methodical and carefully managed visits where the correct use of chemical over a sustained period will exhaust the plant and prevent the spread of knotweed. This removes the risk of damage being caused to property during the treatment period.

Our HTP is designed to cause maximum damage to the plant and achieve effective control in a short period of time. Suitable herbicides applied correctly can damage the knotweed crown and rhizome significantly enough to eventually prevent stem re-growth.

Figure 3: Knotweed Excavation with Installation of Root Barrier



An HTP cannot guarantee complete eradication of the knotweed rhizomes and any disturbance to them could cause re-growth of the aerial knotweed and the rhizomes to restart growing.

Removal of Japanese knotweed is achieved by complete excavation of the affected soils. A root barrier can be installed to prevent knotweed ingress from neighbouring properties, if necessary.

The knotweed-contaminated soils are classed as controlled once removed from site. Therefore, an appropriate Waste Carriers Licence is required to transport the knotweed contaminated waste, which must be taken to landfill site licenced by the Environment Agency to receive knotweed.

Limitations of Treatment

Herbicide treatment of knotweed is adequate in many cases and provides very effective control of knotweed.

Where there are plans for a change of land use, herbicide treatment is not a feasible remediation method as the underground rhizome is not removed. If you disturb the knotweed-affected area, even after treatment,

you are likely to spread any remaining rhizomes or even cause the knotweed to grow again. You will also invalidate any guarantee that came with the treatment. Change of land use could include the following:

- Landscaping
- Driveway
- Extension
- Ground-levelling for shed or green-house installation
- Pond installation
- Path
- Tarmacadam

Where change of land use is planned, you should advise that excavation is the only suitable method of remediating the knotweed. Whilst excavation is a more expensive option, paying for the excavation before any ground disturbance starts will be cheaper in the long run.

Excavation Options

Not all properties or sites require a full-depth excavation. When we survey a site, we ensure we understand the planned works. Our recommended removal strategy will be the most cost-effective, whilst



Figure 4: Dig and Dump

rendering the site ready for the next stage of works, be it a pond, a conservatory or landscaping.

Depending on the site size, we can consider a dig and burial strategy, where we bury the knotweed contaminated soils on site, encapsulated in a root barrier cell.

Alternatively, there is also the option of a dig and relocate. Using this method, we remove the knotweed from where it's preventing the development of an area and relocate it to an alternative area. Once relocated, we treat it in situ, with a standard herbicide treatment programme.

The last option is dig and dump, which involves digging the knotweed affected soils out and removing them to a licenced landfill site. As a professional knotweed company, the UK Government encourages us via RPS 178 to only consider the dig and dump option if other options aren't viable. However, dig and dump is most often most desirable option.

Know your Knotweed and your Options

You probably feel confident in identifying Japanese knotweed at all stages of growth. However, if you're unsure about a plant, use our free identification service: ident@knotweed.co.uk. Send us an email with a few pictures of the suspect plant and we'll get in touch with an answer.

If you'd like to brush up on your knotweed identification skills, see the Japanese Knotweed Identification page of our website.

You need to be confident you're adopting the right approach to managing Japanese knotweed.

If you need help identifying Japanese knotweed, need a professional knotweed survey or simply some general knotweed advice, contact us on 0333 2414 413, email contact@knotweed.co.uk or visit japaneseknotweed.co.uk



CUTEX ROOT BARRIER PRODUCTS

NEW RANGE HITS THE SPOT!

Recent research has demonstrated what PBA Solutions have known for years - that CuTex copper composite root barrier offers the dual action of physical obstruction and copper deterrent to roots. Added to this that CuTex is permeable and you have a product that is unique.

CuTex is a composite of woven and fleece polypropylene geotextiles, encapsulating a thin copper sheet. This geofabric is then micro-perforated making it permeable, yet it maintains its root prevention capabilities. The Centre for Plant Sciences at the University of Leeds demonstrated that CuTex not only acts as a physical barrier to roots, but the copper deters growth in root tips.

Harnessing these unique properties PBA Solutions have developed a new range of root barrier products. These include Tree RootRings, Bamboo Troughs and Planters. Designed to keep in check some of the potentially rampant plants that we grow in our landscapes they offer a step further in the technology of planting for success.

The Tree RootRings, pre-formed to locate in planting pits, act as deflectors encouraging roots to grow downwards away from landscaping

hard surfaces. Because CuTex is permeable no water accumulations will occur, maintaining ambient moisture levels.

Bamboo Troughs make installing bamboo screens a cinch. Plants are contained and managed while still allowing them to flourish healthily. Thanks again to the permeability of CuTex.

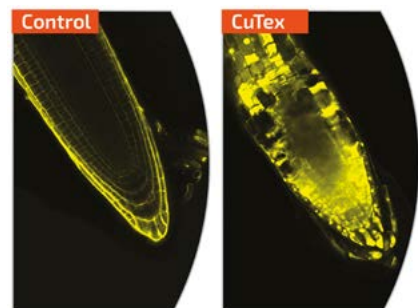
CuTex Root Barrier has long been used for boundary protection for Japanese knotweed, lining excavations and cell burial where Japanese knotweed needs to be eradicated. It is also ideal to prevent roots hitting utilities and structures, including pathways.

PBA have been supplying CuTex by the roll for more complex larger scenarios including subsidence remediation, civil engineering projects as well as property development and Japanese knotweed eradication.

CuTex knotweed root barrier meets the Environment Agency Code of Practice criteria for Japanese knotweed containment and uniquely can be installed both vertically and horizontally without impeding soil-water movement.



Say goodbye to wet-side and puddle problems!



For friendly advice and further details call 01202 816134

View products at www.pba-solutions.com/RBS

Protect against damage from tree roots, Japanese Knotweed and other invasive plant species

DENDRO-SCOTT™ Root Barrier, recognised by the Environment Agency, is known for its quality and reliability. It is flexible and adaptable, specified for all types of projects, from the very large, including new builds, to small residential projects. It can be easily jointed on site, using double-sided butyl tape. It is an excellent and proven way to protect structures and services from **tree roots** and **Japanese Knotweed**.

DENDRO-SCOTT™ Root Barrier comes in 27 stock sizes, from a small 1m x 10m roll, up to a 30m x 30m sheet.

DENDRO-SCOTT™ Root Barrier is used in various ways:

- **Vertically**, to prevent lateral intrusion of roots and rhizomes, to protect underground services and to prevent ingress from neighbouring sites
- **Horizontally**, to protect buildings and surfaces from vertical intrusion of roots and rhizomes, this includes installation below foundations
- **Services**, wrapped with root barrier membrane, to protect pipes, etc.
- **'Cell'**, to avoid the very expensive process of transportation of contaminated soil to a waste facility, licensed for Japanese Knotweed. To comply with Environment Agency guidelines on root spread of Japanese Knotweed, the quantities of spoil can be extremely significant. With a 'Cell', soil is retained within the site, reburied and completely sealed within a 'Cell' of DENDRO-SCOTT™ Root Barrier. The potential cost saving is enormous!



Protecting foundations



DENDRO-SCOTT™ ROOT BARRIER

Peter Scott (F.Arbor.A. M.E.W.I., now semi-retired) first created this flexible root barrier membrane over three decades ago, to protect structures and underground services against damage from tree roots and it has been used for this purpose since 1988. It was the earliest established and, therefore, proven, root barrier membrane of its type.

Its inception was borne of Peter's concern that too many trees were being felled, rather than preserved as they should be. His motto has always been 'Caring for the present is preserving the future' and we continue to share this ethos.

Since the early years of root barriers, the extent of the problems caused

by Japanese Knotweed have become ever more apparent. In the past, even the most 'seasoned' of developers dreaded the thought of finding Japanese Knotweed on their sites, as it signalled extensive delays, expensive removal techniques and, in some cases, a complete change to the intended plans for the sites.

Inside buildings



On a 'stepped' slope



Underground



Underground



Cell at ground level



Very large cell



Property/land sellers and buyers alike have had their plans thwarted by the presence of Japanese Knotweed.

DENDRO-SCOTT™ Root Barrier's development continues and, since 1996, is used as an excellent solution for the containment of Japanese Knotweed and other invasive plant species.

Its flexible properties make it easy to mould to any irregular shape. With 27

stock sizes, ranging from a 1m x 10m roll up to a 30m x 30m sheet, it can be used for any size of project and if rolls or sheets need to be jointed on site, this can be done easily with our double-sided jointing tape.

Building 'cells' to bury soil contaminated with Japanese Knotweed on site is considerably more cost-effective and environmentally friendly than removing it and also minimises the risk of further spread.

Technical support and advice is available, most importantly for contractors with any queries, as well as at the earlier stages, for designers, specifiers, etc.

Tel: +44 (0)20 8254 5889
sales@rootbarrier.com
www.rootbarrier.com



UK'S FIRST SPECIAL CRUYFF COURT OPENS

The Brief

Dorothy Goodman Academy provides education and support to children aged 3-19 years. The pupils have a wide variety of special educational needs and disabilities, including profound and multiple learning disabilities, severe learning difficulties and Autism. Some pupils also have social, emotional and mental health issues associated with their learning difficulties.

Following the completion of their new secondary school building, the school wanted to improve the outdoor play provision with a new multi-use games area (MUGA), creating a variety of play opportunities whilst catering for all abilities.

Design

Sutcliffe Play were approached to supply and install a Special Cruyff Court, having been the official delivery partner of Cruyff Courts for The Johan Cruyff Foundation* for over seven years, supplying special needs projects across Europe. This court was the first one to be installed in the UK.

Special Cruyff Courts, supplied by the Johan Cruyff Foundation (a charity which supports and develops sports opportunities for children worldwide), are a modern interpretation of the traditional playing field or MUGA, ideal for healthcare centres, special schools and rehabilitation centres for children with disabilities. Designed

to be as accessible as possible to young people with disabilities, the Cruyff Court enables children to actively participate in sports on the field or to experience sports and games through a more passive form.

The ballcourt was primarily funded by the Johan Cruyff Foundation and their UK charity partner, the People's Postcode Lottery.

In anticipation of the opening, the school displayed photos documenting the progress of the project and pupils created a handprint mural, pledging to follow the 14 rules of using a Cruyff Court - established in honour of the Cruyff Foundation founders' football shirt number #14.



Following months of hard work seeing the project through to completion, in January 2020, Sutcliffe Play was delighted to be invited to the official opening of this first Special Cruyff Court in the UK.

Feedback

"Working in partnership with the Johan Cruyff Foundation and Sutcliffe Play, we are proud to have the first Special Court in the UK at our school. This specially designed games area supports our pupils in their development of physical, social and team working skills through active and inclusive games. After watching it develop, the pupils are extremely delighted to have a specialist area that they can use." Janet Thompson - Headteacher at Dorothy Goodman School



www.sutcliffeplay.co.uk

ACOUSTIC ARTS OUTDOOR MUSIC

Acoustic Arts make outdoor musical instruments and sound sculptures suitable for permanent installation in gardens, parks and playgrounds. After working with the National Trust, RHS and other environmental organisations, we have developed a range of instruments that combine gentle, harmonious sounds with elegant, organic forms that fit perfectly in natural landscapes. The instruments are hand built using sustainably sourced English Larch, stainless steel and other durable materials.



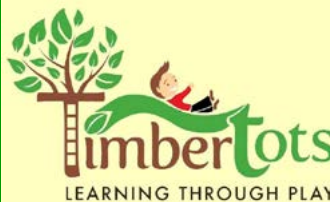
See our website for a full range of products as well as examples of recent bespoke projects. contact: www.acousticarts.org.uk info@acousticarts.org.uk 0117 935 2034.

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inclusive play. making sense...

At Sutcliffe Play making sense of inclusive play is our speciality...

We believe that every child irrespective of age, gender or ability should have equal access to the best play opportunities which are fundamental to their childhood.

Our understanding of the benefits to all children from engaging in play, along with 30 years of experience of delivering truly inclusive play features, enables us to create playful features suitable for all within our play space designs.



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make
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We can help make sense of all your projects, for our new inclusive brochure, call us +44 (0)1977 653 200 or email info@sutcliffeplay.co.uk

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HOW SUSTAINABILITY AND TECHNOLOGY IS SHAPING THE URBAN ENVIRONMENT AND THE STREET FURNITURE WITHIN IT

Around 72% of the EU population lives in urban areas⁽¹⁾. Cities and towns throughout Europe are evolving and growing at an incredible rate. As a result, a new and more developed model of sustainability is required. One which saves energy, protects the environment and increases citizens' wellbeing.

So how are new sustainable policies going to shape the urban environment of the future? And how will these influence street furniture design and application?

Experts believe one of the biggest impacts on street furniture as part of such sustainability transformations, is the adoption of technology. This involves revolutionising street furniture away from a single purpose to a multi-purpose entity. For example, a street bin will not only function as

a bin but also as an audio reference point for partially sighted people, a WiFi hub spot and even has the functionality to let the operators know when it is reaching full capacity.

The future of street furniture

Street furniture plays a crucial role in towns and cities, to provide residents with a sense of wellbeing and fulfilment. To support community wellbeing, city planners and landscape architects are ever evolving the role of digital technology within their street furniture designs. For example, the rapid adoption of smart phones will result in users being able to interact with various street furniture structures.

Councils and city planners' objectives to improve sustainability also involve improving air quality

and reducing greenhouse gas emissions.

Cycling schemes are a popular addition to many towns and cities across the world, particularly as urban spaces are being designed more for pedestrians rather than motor vehicles.

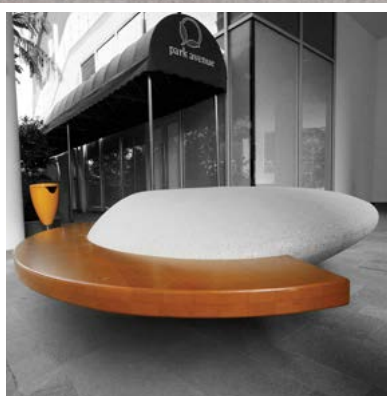


For more information on the Bailey Street Furniture Group please contact their team on 01625 322888 or email enquiries@bsfg.co.uk.

To view the company's range of high quality street furniture visit their website www.bsfg.co.uk

References: (1) Source European Commission (https://ec.europa.eu/info/index_en)

inspiring urban furniture
for the future



Bailey Street Furniture Group is one of the UK's leading providers
of street furniture, structural canopies & playground solutions

www.bsfg.co.uk
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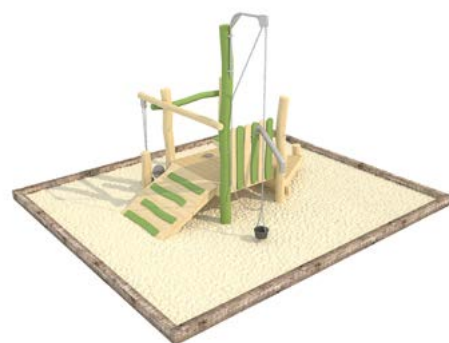
ALTERNATIVE SUSTAINABLE HARDWOOD SOLUTION SUPPLYING LANDSCAPE & PLAY INDUSTRIES

Dylan Group, importers and stockists of FSC® Certified Hardwood Robinia Timber.

Based in the heart of West Sussex, the company supplies a variety of Robinia products throughout the UK to the landscape industry where this unique hardwood has been incorporated into architectural designs. In conjunction, the company also design, manufacture and supply a comprehensive range of hardwood timber playground equipment (conforming to BS EN 1176). This, either directly to various business sectors or to the UK's leading play companies.

Robinia timber (Black Locust/ False Acacia) wood is extremely hard, resistant to rot and extremely durable, making it a prized resource for architectural designs, including various types of play equipment.

The wood can be hand crafted to make a variety of designs that are unique and totally bespoke. The architectural structures, designs and equipment can be manufactured to specifically harmonise perfectly with the natural environment, thus utilising this hardwood timber to its maximum potential.





Dylan Group hold stock of the following FSC® Certified Robinia timber products:

- Sapwood Free and Sanded Natural Poles
- Planed all Round Boards @2400mm lengths
- Waney Edge boards @ 2400mm lengths - varying widths up to 220mm
- Decking - Ribbed top surface in varying lengths
- Shingles - ideal for roofing

Natural Robinia poles are available in lengths up to 12 metres and are supplied in diameters ranging from 60mm to 250mm. All poles are sanded to a playgrade standard whilst specifically being selected and graded to contain the minimum amount of knots.

Planed all round boards are supplied in 2400mm lengths in standard widths up to 200mm at various thicknesses.

Unique Benefits and Features of Robinia Timber:

- Being a natural product, every piece of Robinia Timber supplied is totally unique and bespoke
- Each piece can be designed to harmonise with the natural environment
- Robinia is a rapidly growing hardwood (mature in 30 years)
- It is a very tactile and durable timber
- Robinia timber does not require treatment with any chemicals or preservatives
- Creates large, chunky, quality solutions
- Poles Guaranteed against rot for 20 years in ground

Dylan Play - Equipment Manufacturer

Manufacture -

Dylan Play is a division of Dylan Group dedicated solely to the manufacture of play equipment for a wide variety of customers. Over the last 6 years Dylan Play has designed and manufactured an extensive range of BSEN compliant play equipment using robinia and sustainably sourced hardwood timbers. Our standard range of equipment includes the following items -

- Multi Play Units for all ages
- Role Play Units
- Traditional Swings
- Group Swings
- Adventure Trails
- Aerial Runways
- See Saws & Springers
- Roundabouts and Spinners
- Clamber Stacks
- Rope Play
- Carvings

Dylan Group takes pride in manufacturing play equipment to the highest of standards, incorporating traditional and modern techniques and using only high quality fixings throughout each build

- Stainless steel fixings and components
- Manufactured to British Standards BS EN 1176
- Nationwide delivery
- FSC® Certified timbers
- Galvanised steel feet (Optional)
- Painting in various colours (Optional)
- UK manufactured



Dylan Play currently supply play equipment to a variety of customers including -

- Local Authorities
- Architects & Designers
- New Build Developers
- Schools & Nurseries
- Construction Companies
- Playground Installers
- Hospitals
- MOD and associated service providers

Design Services -

As part of the many services that Dylan Play offer, our dedicated in-house design team can work alongside our customers to develop and produce bespoke items that are not within our standard range of equipment. We are able to offer cost effective concepts and solutions to create stand out pieces of play equipment without the 'bespoke' price tag while maintaining excellent play value.

Our design services include:

- Customer Consultation
- Play Equipment Design
- Site assessments
- Design advice for the surrounding area including safety surfaces
- Ensuring all materials and finished products comply to the necessary safety standards i.e. BS EN 1176



T: 01730 779 709

E: enquiry@dylangroup.co.uk

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Michael Mann (right) taking delivery of his SpeedSeed 1100 from Craig Chalmers of MacGregor Industrial Supplies

SPEEDSEED 1100 COMPLETES FAIRWAY RECOVERY FOR BOAT OF GARTEN GC

While the drought of the summer of 2018 may be a distant memory for some, other clubs are still feeling the effects of the damage caused. One such club is Boat of Garten Golf Club in the Scottish Highlands, where Head Greenkeeper Michael Mann is still tending to some of the worst affected fairways. The overseeding of which is now much quicker and easier thanks to their new SpeedSeed 1100 from Charterhouse Turf Machinery.

The 18-hole, James Braid designed course is renowned for its challenging play and the cleverly shaped, undulating fairways. "The sharp undulations can pose quite a challenge when it comes to maintenance and finding machinery that can work with the challenging terrain" explains Michael, who has been at Boat of Garten for just under a year. "When we needed

a new overseeder, we looked at three or four different makes and models, one of which was the new SpeedSeed from Charterhouse. Its compact size meant it could closely follow the uneven ground, so it worked out to be the best option for us."

Offering a 1.1m working width, the SpeedSeed 1100 does not compromise when it comes to coverage and performance. Creating 990 holes per sq. metre, with an optional second spiked rear roller to double that, it can cover both large and small areas quickly, working at depths of up to 20mm. "After we took delivery of the SpeedSeed from MacGregor Industrial Supplies in July 2019, we were out with it pretty much straight away, overseeding the greens and some of the worst affected fairways. It's such a great size, suitable for use site-wide."

"The set-up and controls of the machine are all nice and user-friendly, and it's accurate seed calibration system is easy to adjust and operate. It's a very clean machine, that leaves minimal surface disruption and hardly anything to tidy up in its wake."

By the back end of 2019, thankfully recovery work reached a conclusion, but Michael now looks forward to utilising the SpeedSeed to its full advantage as we enter the new growing season. "While we don't have a set overseeding programme, now that we have the seeder at our disposal we can look to capitalise on any growth windows and start to work on other projects around the course - weather permitting of course!"

www.charterhouse-tm.co.uk



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