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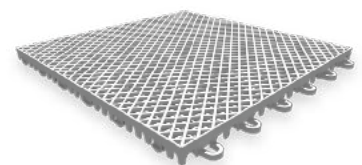
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Image courtesy of Smith & Wallwork Engineers Cambridge Uni



CREATING A SEAMLESS TRANSITION BETWEEN A GLAZED EXTENSION AND YOUR GARDEN

A new extension can completely transform your home, acting as the perfect medium between your indoor and outdoor spaces. Creating a bright open-plan space that will change the look and feel of a property; a glazed extension can be used for anything from kitchens and dining rooms to open-plan lounges but above all, they can bring the outside in. Whether you love the idea of opening up the doors and merging your kitchen and patio together for summer BBQs, or like the idea of sitting with a morning coffee as the sun comes up over the garden – a glazed extension helps you to feel more connected with the great outdoors.

In recent years the traditional conservatory has fallen out of favour, and now homeowners are choosing orangeries and garden rooms to harmoniously blend their home with their outdoor space. A well-designed structure will bring a sense of splendour and opulence, with elegant architectural lines and a timeless style, while seamlessly transitioning the living areas through to the garden.

What are the differences between an orangerie, garden room and conservatory? This is purely down to the amount of glazing, timber and masonry materials in the structure. We all remember the popular conservatory from the 80's which

would typically have a fully glazed roof and walls sitting on a brick foundation – but these tended to overheat in the summer and feel chilly in the winter.

Consisting of semi-glazed walls, an orangerie typically has a roof lantern built on top of a flat roof that lets the natural light stream in in the same way that a conservatory does. Yet instead of feeling cold or stuffy, they are comfortable and inviting throughout the seasons, feeling cool in the summer and warm in the winter. A garden room is similar to an orangerie with semi-glazed walls, but with a roof made entirely from tiles instead of a roof lantern.



A garden room is more likely to look like a part of the main building rather than an additional add-on, with matching tiles, brickwork and other details. Ensuring a smooth transition between your garden room and your outside space certainly requires a specific approach, because with so much light and space it can be difficult to bring the room together and maintain an opulent aesthetic.

Perfect garden planting

An orangery or garden room needs to be functional, but it also has to have balance and flow. Nothing helps to create that flow quite like a beautiful planting scheme, which will help your extension to blend in with its natural surroundings. An orangery strengthens the relationship that your home has with your garden, offering expansive views of the surrounding greenery and bringing the outside in. Choosing the right plants in your garden can only

enhance your new space, providing that they work in harmony with the structure's scale and proportion.

When you first open the doors of your orangery and step out onto your patio, you're walking into an extended space that feels like another room.

To stay connected to the house, the area immediately outside the extension should look neat, manicured, and well-ordered. As most of a garden room's structure is glazed, you only need to include low-level

planting – perhaps knee height or thigh height so that the views are not interrupted. It's important for your flower beds to have good depth too, so your home looks like it's blended in with the surrounding foliage. Avoid thin, narrow strips of plants which won't have much impact next to an extension. Think about using eight or nine plants together in a large bed or planter, rather than using just a couple. Bring larger plants behind them to create some depth. Plant another bed with the same design for continuity, and you'll make a real statement in your garden.





It's all in the flooring

Flooring plays a big part in helping to create a seamless flow between a glazed extension, the garden and other areas of the house. Opt for flooring materials that will work both inside and out, and can be laid flush with the external patio in the garden. Natural stone or porcelain tiles are ideal, as they are strong and durable and incomparable in terms of quality.

Just like the planting, consider choosing paving and other hard landscaping products that are structured and straight to create a formal feel. This might seem like an overly contemporary, bold concept, but this style will keep your outdoor space connected to your home and encourage continuity between the different spaces.

The right interiors

When considering the orangerie's interior design, keep in mind that with all that glazing, the expansive views into the garden should be the main factor to consider. Make sure that nothing obstructs the expansive views of the garden beyond when you walk into the room. Keep the furniture low, choosing deep sofas and shorter ornaments. Essentially, the interiors should not compete with the views of



the surrounding landscape, so use neutral, natural colour palettes with blues, slate greys, earthy browns, and greens to reflect the colours outside.

Outdoor living

Elegant planters, ambient lighting, fire pits, and striking outdoor furniture can make your garden a functional living space that's simply an extension of your own home. From loungers and daybeds to seating and dining



tables, furniture is considered to be an essential element of stylish outdoor living. With the right pieces, you can create breakfast bars, sunbathing spots and seating areas for entertaining. A great starting point might be to set up an alfresco dining area in a part of your garden where there is lots of space. Try

to leave plenty of room for people to push back their chairs and effortlessly walk to and from the table with plates of food. Use plants to provide a little screening if the larger space feels a little exposed, creating privacy and intimacy.



Clever garden lighting

The beauty of external lighting means that you can still take pleasure from your magical outdoor oasis whilst being cosy and warm inside, looking out from the comfort of your garden room extension or orangery. It also means that you can stay outside for longer during the summer, with the doors of your orangery opened up to encourage the flow between the different spaces. The key to good garden lighting is subtlety. Use it to draw attention to important features

like trees or water features, rather than go over the top to try and make the lighting the main factor in your garden. You need the darkness to create contrast and balance, allowing your lighting to effectively catch the eye in specific places.

Trees can turn into magnificent, eye-catching focal points with the use of a well-placed ground light based at the trunk and angled at the branches above. If you have a courtyard, use two or three lights to really emphasise the open space. Using lights around

decking and steps can beautifully highlight the different levels of your garden and any surrounding architecture.

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2019 SEES IMPRESSIVE MEDAL HAUL FOR BALI MEMBERS AT RHS CHELSEA

The results are in from the world's most prestigious flower show, RHS Chelsea Flower Show, and members of the British Association of Landscape Industries (BALI) have been awarded top accolades.

Eight Gold, three Silver-Gilt, one Silver and one Bronze was this year's medal haul for some of BALI's most experienced members, with the association's Affiliate (supplier) members also achieving two coveted

5 Star, three 4 Star and one 3 Star awards for their trade stands.

Themes this year centred on female education in Africa, climate change and the reclamation of nature and the positive effects on well-being. Many members designing and/or building gardens opted to use large specimen trees, swathes of green foliage with bursts of colour and the movement of water to promote their global messages.

In the Show Garden category, Gold medals were bestowed upon Mark Gregory for his The Welcome to Yorkshire Garden, built by **Landform Consultants (Registered Contractor)** whilst **Andy Sturgeon's MBALI (Registered Designer)** The M&G Garden and **Chris Beardshaw's MBALI (Associate Honorary)** The Morgan Stanley Garden also picking up Gold. The M&G Garden was also awarded the **Best Show Garden** title.

Silver-Gilt medals were awarded to **Kate Gould MBALI (Registered Designer)** for The Greenfingers Charity Garden and Warner's Distillery Garden, built by **Bowles & Wyer (Registered Contractor)**. The Dubai Majlis Garden built by **Landform Consultants (Registered Contractor)** also took home a Silver-Gilt.

Stewart Landscape Construction's (Registered Contractor) The Trailfinders 'Undiscovered Latin America' Garden was awarded a Silver and The Savills and David Harber Garden, the creation of **Andrew Duff MBALI (Registered Designer)**, was awarded a Bronze.

In the Space to Grow Garden category, **Jilayne Rickard's MBALI (Registered Designer)** The CAMFED Garden: Giving Girls In Africa a Space to Grow was awarded a prestigious Gold

and **The Outdoor Room (Registered Contractor)** also took Gold for Facebook: Beyond the Screen as well as the Best Space to Grow Garden and Best Construction (Space to Grow/ Artisan) titles.

Rounding out the garden medals for BALI members was in the Artisan Garden category, where **idverde (Registered Contractor)** scooped a Gold for their Family Monsters Garden and the Best Artisan Garden prize.

Gold medals were also awarded to both **Peter Beales Roses (Registered Affiliate)** and **Sparsholt College (Training Provider BALI)**, with the latter claiming Best Discovery Exhibit.

BALI's Chief Executive, Wayne Grills, said of the achievements; "On behalf of BALI, I would like to congratulate every member who has worked

tirelessly to make the RHS Chelsea Flower Show what it has become, that being the world's largest and most publicly recognised flower show. Whether you are a medal winner or not, your contribution through exceptional design, build and supply has proven once again that BALI members deliver to the very highest of industry standards.

He continued "For BALI, we pride ourselves on supporting and promoting our members and the work that they do, all year-round. BALI will continue to champion quality landscaping on behalf of the landscape industry and its members to ensure quality, skill and professionalism are maintained."

**For more information visit
rhs.org.uk/chelsea**



LEFT: BALI Chief Executive Wayne Grills on BALI's stand with resident Chelsea Pensioner

ABOVE: BALI Registered Designer Jilayne Rickard MBALI receiving Gold medal at RHS Chelsea Flower Show 2019



SWIMMING POOL SURFACING

Long Rake Spar were very impressed with the stunning extension to the back of a house in Plymouth that South West Surfacing were involved with.

The whole area previously was just grass but with the unusually long hot Summer we experienced in the UK this year the owners decided they would like an extension that included a swimming pool and hot tub.

SWS spent four days surfacing the whole area as resin bound works perfectly as an anti-slip surface covering which was necessary around the swimming pool and hot tub. Additionally the resin bound is a self-draining system which ensures there is no standing surface water.

For consistency the steps and uprights are also resin bound and a Staffordshire Pink border was laid against the wall to pick up the hints of pink in the bricks in the wall.

Long Rake Spar were asked to provide the stone as they sell a wide selection of attractive anti-skid aggregates that are perfect resin bound paving and can also be used in high friction road coatings such as highways.

To view the impressive drone video footage [click here](#)

Contractor: South West Surfacing

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CLASSIC GARDEN DESIGN FOR THE MODERN ROMANTIC

As a modern romantic, you tend to go for a classic garden design. Lush plants and soft, pastel coloured flowers, lots of little corners to hide away in and get back to your green roots. You prefer vintage pottery but it's heavy, prone to frost damage and doesn't stand the test of time. You want to keep things elegant, but most modern plant pots just don't make your heart sing. The vibia collection by elho was created so that you can bring your traditional garden into the modern world, without losing that romantic touch.

The vibia straight is a classic planter. With a timeless design and clean lines, it leaves your plants to do the talking. The vibia campana has a slightly rounded body, subtle and perfectly suited to verdant and leafy plants. Both styles are made with a rough, high-quality texture in soothing tones that fit perfectly with the natural mood of your garden.





The colour palette of anthracite, white, brique and living concrete blends seamlessly with trees, provides contrast, or fits with the concrete hues of a balcony or terrace. The vibia collection is eco-friendly as well as stylish, made with high-quality recycled materials with 100% wind power. A contemporary answer for the modern romantic.

Give your classic plants a modern upgrade with our new vibia collection.

About vibia, new for 2019:

Vibia straight round RRP £6.49-£27.99

Vibia campana round RRP £3.99-£26.99



Elho pots and planters are widely stocked at all good garden centres, retailers and available online.

www.elho.com



BREWIN DOLPHIN BRINGS ARTISAN MAGIC TO ITS RHS CHATSWORTH FLOWER SHOW GARDEN

Brewin Dolphin, one of the UK's leading wealth management companies, today opened its Brewin Dolphin Artists' Garden at the RHS Chatsworth Flower Show with a demonstration from well-known artist Hannah McVicar.

Hannah, known for her nature-inspired screen prints, created a sketch of a Chicory plant (right) before turning this into an intricate print live on the Brewin Dolphin Artists' Garden (above). Chicory has been chosen

in the plants used on the garden because of its striking blue colour and distinctive wellbeing properties.

Returning as the creative force behind this year's Brewin Dolphin garden is multi award-winning garden designer **Paul Hervey-Brookes**, who is renowned for creating classically English landscapes and gardens with rich, multi-layered habitats. Paul's Brewin Dolphin Installation at last year's RHS Chatsworth Flower Show won the People's Choice Award.

Paul says: *"The idea of the Brewin Dolphin Artists' Garden is to create a space which celebrates craftsmanship and an appreciation of skills. Just as you value the work of an artisan ceramicist, or a willow basket maker, as they have invested their skills and time, and so through this garden of makers we are also celebrating the skill and value of those caring for and nurturing our family's wealth, especially in uncertain times."*



As well as Hannah McVicar, the other featured artists on the garden during the show are international ceramicist **Gregory Tehalikian** (also known as Tzarig), figurative painter **Maeve**

O'Loughlin, and basket maker and sculptor **Maggie Cooper**. All the artists are deeply inspired by nature and use the natural world in all its forms.

www.brewin.co.uk



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JULIANA URBAN MAKES GROWING YOUR OWN IN THE CITY EASY

For those living in towns and cities it's often the case that they have either no garden or only a limited outside space. Nevertheless, lots of people still would like to grow their own vegetables, salads and herbs. Free from pesticides, home-grown produce is always going



to be the healthier option and better for the environment. Juliana Greenhouses' new Urban Series of growing spaces is specifically designed for apartments and courtyards and answers this dilemma perfectly. The Juliana Urban Series comprises the Balcony, the Vertical and the City Greenhouse. All three combine elegant aesthetics, high-end functionality and small space adaptability.

The Juliana Balcony can be wall-mounted or fitted to the rails of a balcony using the supplied brackets. The Vertical combines planting room with a workstation area that is perfect for sowing salads and harvesting herbs. The City Greenhouse is a sturdy mini-greenhouse on wheels, allowing you to move it into sunshine on balconies, terraces or courtyard areas as needed, and making it easy to transport if you move home. The entire Urban Series comes equipped with removable plant shelves to allow you to take your herbs straight to the kitchen or dining table.

All Juliana products offer toughened safety glass and comprehensive frame guarantees as standard. Prices start at £399 for the Balcony and £499 for the City Greenhouse and the Vertical, including VAT and home delivery.

For more information visit en.juliana.com, call 01242 676625 or email mail@eden-greenhouses.com



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If you require something a little more bespoke TreeLocate have all the experience, know-how and tools in house to turn your design into a reality. The team of skilled artisans can manufacture everything from FR & UV green wall to soaring majesty palms.

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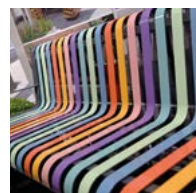
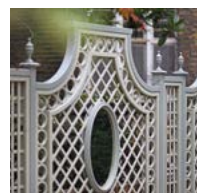
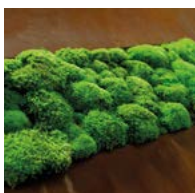
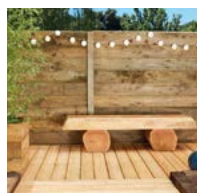
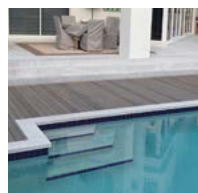
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RHS UNVEILS PLANT AND PRODUCT OF THE YEAR AT CHELSEA FLOWER SHOW 2019

The Royal Horticultural Society (RHS) has revealed the winners of the prestigious RHS Chelsea Plant of the Year and RHS Chelsea Garden Product of the Year for 2019 at the world-famous show sponsored by M&G Investments.

RHS Chelsea Plant of the Year

Competing against 19 other shortlisted plants, *Sedum takesimense* ATLANTIS ('Nonsitnal') was selected by the judges for its exceptional variegation, innovation and appeal for today's gardeners.

ATLANTIS is a drought-tolerant, low-maintenance and hardy stonecrop perfect for small gardens and balconies. Introduced by Suttons, the plant originally found on the volcanic Korean island of Ulleungdo will be on display in the Great Pavilion with winning exhibitor, the National Dahlia Collection.

In second place was Hardy's Cottage Garden Plants' *Digitalis × valinii* 'Firebird' while

Agapanthus FIREWORKS ('Mdb001'), entered by Sparsholt College, took third place.

All 20 of the shortlisted plants will be on display in the Plant of the Year section of the RHS Experience in the Great Pavilion (GP235).

The RHS Chelsea Plant of the Year is selected by an audience of over 100 plant experts, including members of trials forums and the seven RHS Plant Committees.

Celebrating its tenth anniversary next year, the competition aims to promote the continuing work of breeders and nurseries in producing improved and exciting new plants.



RHS Chelsea Garden Product of the Year

HOTBIN Composting was awarded the Garden Product of the Year for their HOTBIN Mini Composter. Selected by a team of experts including esteemed entrepreneur and Dragons' Den investor, Deborah Meaden, the product which makes use of everything from leaves to small bones was praised for its innovation in making composting cleaner, simpler and more accessible for modern households.

The Obelisk Composter by Wilstone also received special recognition in the line-up alongside other products promoting sustainability and preserving the natural environment

including the highly commended Bamboo Pots and Seed Trays by Haxnicks.

The judges added: "This year the standard was incredibly high and shows that the UK is leading in garden product innovation and sustainability."

The competition was launched in 2011 to recognise and celebrate the best new garden products on the market and are assessed against a criteria of innovation, visual appeal, functionality, quality, value for money and environmental sustainability.

www.rhs.org.uk





TERRAIN AERATION VISIT CAMBRIDGE UNIVERSITY BOTANIC GARDEN

Cambridge University Botanic Garden welcomes 300,000 visitors a year, making it the most visited university botanic garden in the UK. Situated in the centre of Cambridge, the Grade II listed Heritage Garden covers 40 acres and is home to a collection of

over 8,000 plant species to facilitate teaching and research. Equally, since its foundation it has provided a beautiful and tranquil place for everyone to enjoy. The Garden boasts four show lawns and the combination of foot traffic, marquee trucks and

ride-on mowers leads to compaction. The Garden has been using Terrain Aeration's decompaction services since as far back as 2013 and chose the deep aeration treatment for the high-profile area of the Main Lawn in front of the majestic glasshouses.



This year, the Garden's Main Lawn area was cordoned off, the machine operation creating considerable interest amongst students and visitors, and Terrain Aeration's Terralift set to work. The weather was very good and dry, and the ground was worked easily without the need to use the Terralift's JCB hammer drill. The machine's probe is driven down a metre deep and highly compressed air released up to a maximum of 20Bar (280psi) to fracture the soil, opening it up for aeration, drainage and to get oxygen to the roots of the plant. On the tail end of the air blast, dried seaweed is incorporated which sticks to the walls of the fractures and fissures created by the main air blast. As pressure drops, the seaweed is mixed in the hopper unit where it swirls around with the remaining air and is then released. The seaweed swells in wet weather and keeps the fissures open.

On the Main Lawn the same process was repeated in two-metre spacings, so the underground fracturing is thoroughly linked. In some extreme cases this is demonstrated by water fountains appearing from previous probe holes. In this instance the ground was found to be not as compacted as expected and the 2,500sq metre area was completed in two days, not the original three as had been expected.

"The Terrain Aeration guys were very good, prompt and efficient and quite knowledgeable," says Adrian, "they backfilled the probe holes with Lytag, lightweight aggregate and it was as if they had never been there. It was great to have everything back to normal so quickly."

The aeration treatment completed, the lawn area was immediately open for unrestricted access to the fountains, glasshouses and horticultural and National Plant Collections.

"We know Terrain Aeration's work from years ago when development had been done at the Station Road Entrance and the lawn at the back of Cory Lodge," says Adrian Holmes, Landscape and Machinery Supervisor at the Garden. "The lawns had been

re-built after the work but were found to be compacted and the soil was not good. We had a waterlogging issue for a couple of years. The Terrain Aeration treatment rectified the problem and we know from experience it's a long-term solution."

Terrain Aeration
www.terrainaeration.co.uk
01449 673783



APL AVENUE AT BBC GARDENERS' WORLD LIVE IS SHAPING UP TO BE THE BEST ONE YET!



This year's BBC Gardeners' World Live show has now opened, with the five gardens on APL Avenue showcasing some of the amazing talent from within the association, and the BBC Gardeners' World Live Young Landscapers Award highlighting some of the upcoming talent within the industry.

Matthew Wood and Sam Gordon won this year's BBC Gardeners' World Live Young Landscapers Award, with both teams taking home a Gold Award in the competition with gardens designed by Professor David Stevens.

The BBC Gardeners' World Live Young Landscapers Award gardens:

Gold Award - Matthew Woods (Myerscough College) & **Sam Gordon** (The Gardenmakers) - Young Landscapers Competition

Gold Award - Brian Hughes & Reece McKay (both College of Agriculture, Food and Rural Enterprise (CAFRE)) - Young Landscapers Competition

The five gardens on APL Avenue received:

Platinum Award & Best Construction - DesignIt Landscapes - Designed by Lucy Bravington Design

Gold Award - Gadd Brothers - Designed by Dr Catherine MacDonald & Rhiannon Williams

Silver Merit Award - Creative Roots - Designed by Toby Pritchard

Silver Award - Morgan Oates - Designed by Anna Pawlowska

Silver Award - Timotay Landscapes - Designed by Robyn Brookes & Keith Walmsley (Timotay Landscapes)

The five front or back gardens that feature on the APL Avenue, give the public the opportunity to witness first-hand what can be achieved in a small space. Landscapers and members of the APL team there to support the public greater understanding of the costs of a garden build.

The APL and John Lewis Home Solutions garden was awarded a **Gold Award**, and APL members Big Fish Landscapes were awarded a **Silver Award** for their Macmillan Legacy Garden, designed by Martyn Wilson.

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INDUSTRY RESPONDS TO LATEST ORNAMENTAL SECTOR SKILLS GAP SURVEY

A major survey investigating the future skills needs within UK ornamental horticulture is firmly underway, with over 300 businesses already providing insight about the potential training and resource gaps for the £24bn sector.

The British Association of Landscape Industries (BALI), a key stakeholder of the Ornamental Horticulture Sector group who commissioned the study, continues to promote the survey to its extensive membership network, providing some of the UK's leading landscape companies with a voice on the current skills crisis.

The Ornamental Horticulture Sector stakeholder group is seeking to investigate the future skills needs of the Ornamental Horticulture sector, in terms of key skills and the requirements and challenges facing the sector in the future (including scenarios and implications for future workforce change).

BALI's Chief Executive Wayne Grills said: "Results from this survey will help equip the sector with real-time knowledge of the issue, in turn, informing a skills strategy which will be tailored to the industry's needs which

will go a long way in securing vital funding and resource."

According to a recent report by Oxford Economics, the UK Ornamental sector supported 568,700 jobs in 2017, amounting to 1.6% of total UK employment.

Wayne continued "*The Ornamental sector is a vital driver for the UK's economy, particularly the landscape services industry which generated £11.6bn, almost 50% of the total £24bn value, in 2017. This study will allow us to compare findings from the initial economic report to see just how underfunded and potentially under-equipped we are as an industry. The results from this survey will also equip us with the necessary data to take to Government where BALI will be looking for action.*"

Pye Tait Consulting, who has been commissioned by the group to carry out the research, has been tasked with contacting a minimum of 1,000 UK-based businesses between now and June. The survey will build on an initial pilot project carried out in 2018. The 2019 survey is seeking the views of those working in and across

the ornamental horticulture sub-sectors, including landscape design and maintenance services.

It will be conducted by telephone, giving businesses the opportunity to provide their view on skills developments in the foreseeable future, their workforce needs, the impact of automation, training needs and requirements, and other topics to inform a skills strategy tailored to the sector. In addition, interviews and dedicated workshops for business stakeholders are planned this month and further into June to better inform the research.

Results from the survey will help equip the sector in making the case for lobbying government, requests for funding, informing migratory advisory committee consultations and insight about the demand for, and gaps within, training in the horticulture sector.

If you would like further information or wish to participate please contact Michael Oberreuter on (0) 1423 509433 or via email. Alternatively, you can take part online by visiting this website. If you would like to speak to a member of the BALI team at Landscape House, call (0) 24 7669 0333 or contact us via email.



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A GUIDE TO ARTIFICIAL GRASS ADHESIVE SYSTEMS

Brian Spencer, Technical Director at Envirostik has over 25 years' experience advising on the correct use of adhesives when fitting synthetic turf. He is able to pass on some key installation knowledge.

In an age when people have less free time, but still wish to enjoy a beautiful landscaped area for relaxation, the requirement for low maintenance is paramount.

The rapid increase in the use of artificial grassed areas brings new challenges, not only to the landscaping contractor but also to the general public who are now encouraged to buy products on line and undertake their own installation.

Where joints are required to the rolls of carpet then an adhesive system will be required and the choice can appear complex, but are really quite straightforward when selected properly and used correctly.

A strong, invisible seam joint is essential to produce a continuous surface that will enhance the appearance of the artificial grassed area.



There are basically three adhesives systems in common use for jointing the carpet edges. Two component and single component adhesives also require a jointing tape, usually a geotextile strip, on which to apply the adhesive.

The third system is an adhesive coated tape that has a heavy coating of self-adhesive polymer. The choice of fixing will often depend on the size of the area and the expected foot traffic.

Two Component Adhesives

Generally, polyurethane polymer based adhesives require pre mixing of the components before application. The cured adhesive provides a very strong bonding medium that, when used correctly, will outlast the life of the carpet. Supplied in varied size containers, this system is often the first choice for landscapers and professional installers, and is also chosen for bonding carpets direct to other substrates, for example on balconies, decking or roof top gardens.

One Component Adhesives

Strong polymer based single component adhesives are available that are generally used on smaller installations. The systems generally rely on atmospheric moisture to cure and are most often supplied in cartridge form. No mixing is required and application is simple and clean. Provided the product is used correctly, resultant seam bonds are entirely satisfactory. The adhesives in cartridge packs allow for an easy application method and can also be used for fixing the edges of the carpet to the lawn surround.

Seam Jointing Tapes

Strong, durable strips are required that are compatible with the one and two component liquid adhesives. Tapes should be made of strong, geotextile, normally with a coating on one side to prevent ingress of moisture during installation. Adhesive should always be applied to the open textile surface. Various widths and lengths are available.

Self-Adhesive Fixing Tape

These tapes are most often used in smaller landscaped areas with relatively low traffic use. The adhesive is already fixed to the textile carrier and is ready for bonding after the removal of the protective film. This system requires a good fitting technique as once the carpet is pressed into place it bonds instantly and is not easy to reposition.

Best Practice Installation Advice

1. Protect adhesives from extremes of hot or cold by storing at between 5°C and 20°C.
2. When using a two-part adhesive, ensure the components are thoroughly mixed before use. Look for consistent colour and texture in the mix.
3. Use a notched trowel to apply sufficient adhesive according to the carpet backing type. The beading structure created by the adhesive

applicator should fill the stitch ribbing of the carpet to ensure total surface contact.

4. Apply the adhesive evenly down the tape strip to the non-shiny surface, leaving approximately 5cm uncoated at either edge. Position carpet joint down the centre of the tape.
5. Consolidate the adhesive bond by applying light, even pressure until curing is complete. If sand is used as an infill, do not apply until the adhesive bond has fully cured thus preventing sand penetrating into the joint.
6. If using a self adhesive tape, roll back the carpet edges, then simply roll out the tape and position the joint down the centre. After

ensuring the joint is positioned correctly, apply firm pressure to form the bond.

Provided the correct attention is given to the bonding process then strong seam joints, with minimum visibility should result and the artificial lawn would be expected to last for many years.

More detailed information is available in the Envirostik Good Practice Guide and guidance on each product is included in the Landscaping brochure.

www.envirostik.com
01889 271751





GLEE 2019

Glee is the UK's leading garden and outdoor living tradeshow, showcasing the most exciting brands, freshest products and inspiring garden retail insights.

Glee is spread across 8 carefully curated show sectors which include; Garden Care, **Landscaping and Garden Decorations**, Food and Catering, Retail Experiences and Services, Outdoor

Entertaining, Home, Gift and Clothing, Plants and growing sector; Pets at Glee.

The landscaping industry has its own unique opportunity to show off the latest in design and innovation to a key audience of retail buyers, influencers and media, with Landscaping and Garden Decoration being one of Glee's core show sectors.

Glee offers three jam packed days of networking, selling and purchasing which are not to be missed. Whilst discovering the latest in innovative products, retailers can also meet hundreds of new and existing suppliers all under one (very big) roof.



What's new for Glee 2019?

Glee Connect

Introducing Glee connect. The brand-new dedicated matchmaking service, designed to not only provide you with the opportunity to make meaningful connections, but to also ensure you make the most of your time at Glee.

The Pets at Glee Hub

The brand-new Pets at Glee Hub is the purrfect place to source pet products at Glee 2019. Featuring an interactive workshop space, a pet trend area and a dedicated networking space, there's plenty to inspire, educate and wow this September.

The Retail Lab at Glee

Now in its third year, **The Retail Lab at Glee** in association with the HTA is an exciting and innovative feature area showcasing future product, in-store experience and merchandising trends

- ideal for retailers looking to source new products. Plus, for 2019 there will be 9 exclusive new themes to inspire retailers and spark out of the box thinking.

Taking place at the perfect time of year to re-stock shelves just before Christmas, Glee is the most crucial garden trade event in the gardening industry calendar.

www.gleebirmingham.com





2019 SEES THE RE-INVENTION OF THE SOLAR LIGHT

There should be no doubt that the concept of Solar lighting use is building momentum in the U.K. Many people are learning that in 2019, effective outdoor lighting doesn't have to be traditional mains powered (240v). Instead, a few forward-thinking lighting companies, are offering new technology Solar Lights which are a viable option, here to Smash the Idea of the low power, short lasting models of the past.

Solar path lighting used to conjure up images of plastic, low output in-ground spike lights that lasted one season. Now, more durable models are available, designed to last and charge and illuminate 365 days a year. One way to spot solar lights suitable for professional use is if they incorporate high capacity lithium-ion batteries and use efficient, modern Poly-crystalline or Mono-crystalline. solar

panels. LED light outputs (lumens) are now impressively bright, often equivalent to mains powered lighting, and illuminate over a prolonged time period. Professional solar path lights can be used in many different applications. They can be installed almost anywhere without the need to tap in to mains power which can be expensive and difficult.

Lumena Lights are a UK based company who fully encourage the current positive drive to save our planet, with Solar energy being one of the most innovative renewable power sources. A major benefit is that Solar lights use no power from the grid, just the sun to charge rechargeable batteries during the day, stored to be used at night. Other benefits are clear, with no running and installation costs or ongoing maintenance.

Exclusive designs, new to the UK include the contemporary 'Halopost' 800mm LED Path Light, with its' stylish 'halo' of glowing light emitting 420 lumens in a 120° spread. The durable 'Litecharga' could easily be mistaken for a smart, mains powered bollard light, but is a fantastic solar option. The 'Hi-Way' is versatile enough to be mounted on the wall, or fix to a taller post for amazing LED illumination of approx. 1500 lumens! Other designs include the Freeway and Secursol, powerful motion sensor lights, with functions rarely seen on solar lights that will mount anywhere.

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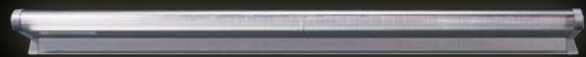
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Readers Choice

After hearing from our readers on what they would like to hear about in this edition we contacted Japanese Knotweed who kindly gave us some great tips on identifying knotweed.

If there is a specific topic you would like to learn more about then please do get in touch!

JAPANESE KNOTWEED: THE ACTIONABLE NUISANCE

Knot to be Ignored

Case 1

In July 2018, Network Rail were successfully sued by two homeowners for encroachment of Japanese knotweed upon their properties (EWCA Civ 1514). The Court of Appeal awarded the claimants compensation for the “loss of amenity value”. This case solidifies that fact that Japanese knotweed is an actionable nuisance for which damages can be claimed.

Case 2

In December 2018, Bristol County Council prosecuted a local property owner under the Anti-Social Behaviour, Crime and Policing Act 2014. The prosecution was the result of complaints from adjoining properties that the landowner had failed to prevent the spread of Japanese knotweed originating from the landowners’ property. They were fined £18,000 plus costs.

Case 3

In February 2019, in the case of Ryb v Conways Chartered Surveyors [2019], an experienced and RICS qualified surveyor was found guilty of professional negligence for failing to identify Japanese knotweed at a property in north London. Damages of £50,000 for the loss in property value were awarded to the claimant, plus the cost of excavating the knotweed.

These cases serve a warning to all property owners and property professionals that failing to control knotweed on your property or failing to identify knotweed can result in claims being made. It is within landlords, groundsmen, landscapers, gardeners, surveyors and property owners’ interests to know how to identify and manage knotweed.

Spring 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 April to May, with shoots that look like red/purple asparagus spears.

As it grows, the leaves unfurl, revealing lime-green shovel-shaped leaves. The stems have the indicative zig-zig growth pattern, which are green with visible purple speckles near the base of the stem.





Summer Identification

June to September. Japanese knotweed canes will grow to around 2-3 metres high. The plant has free standing upright stems (which resembles bamboo) and forms as a

semi-dense stand, with lush green heart or shovel-shaped leaves, up to 20cm long. In late summer, it flowers, producing panicles of small creamy-white flowers.



Autumn Identification

October to December. The flowers have died and just like other herbaceous perennial plants, Japanese knotweed goes into senescence as the above ground parts of the die off for winter. Leaves turn yellow and start to fall in the autumn.



Winter Identification

The underground crown and rhizome of the plant remains live but in a dormant state over winter. It will produce new growth again in the spring. The above ground canes die off and turn brown and brittle. The alternate (non-symmetrical) stem growth pattern (zig-zag) can still be seen for identification.



Japanese Knotweed Removal Options

Japanese knotweed can be treated in-situ with herbicide or dug out (excavated). Choosing and designing the correct remedial method requires understanding of the plant as well as consideration for the current and future planned use of the ground it occupies.

Herbicide Treatment

This option controls knotweed growth but may not eradicate or remove the plants' underground rhizome. It is ideal for:

- Public Open Spaces (Parks)
- Residential property owners
- Where there is no proposed change of land use

Excavation

Excavation is recommended where long-term herbicide treatment is not desirable or if the affected area is to be disturbed, e.g.:

- Development/Construction
- Turfing
- Paving/Driveway
- House extension
- Outbuilding (shed, garage, greenhouse)

Japanese Knotweed Ltd provide 10-year Knotweed Management Plans (herbicide treatment) which include a regime of treatment proven to be effective at controlling the growth of knotweed. Typically, within 3 years the herbicide has damaged the plant enough to stop it producing new above ground stem growth.

Excavation works undertaken by Japanese Knotweed Ltd provide instant eradication of Japanese knotweed and can be completed within a number of days depending on the amount of knotweed to be extracted. The resulting knotweed waste is either buried or relocated on site, or removed from site for disposal at landfill.

Duty of Care

Japanese knotweed plant material or soil and waste containing knotweed is classed as "Controlled Waste".

The Environmental Protection (Duty of Care) Regulations 1991 incorporates a responsibility on anyone who produces, imports, carries, keeps, treats or disposes of any controlled waste (such as Japanese knotweed) to ensure it is only ever transferred by someone who is authorised to carry it, to someone who is authorised to receive it, such as a licenced landfill facility.

Action Plan - What to do and not to do

If you suspect you've found knotweed on a property, don't...

- ✗ Where possible allow works which can disturb the knotweed (i.e. development works) to commence without surveying a site for knotweed and drawing up a Knotweed Management Plan (KMP) if found to be present.
- ✗ Allow knotweed material to intentionally or unintentionally leave your site in a manner that will contravene the Environmental Protection Act and the Environmental Protection (Duty of Care) Regulations. If Japanese knotweed material is to leave site, it must do so via a registered waste carrier and must be disposed of by prior arrangement at a specially licensed landfill facility able to accept and dispose of Japanese knotweed.
- ✗ Allow Japanese knotweed to spread into adjacent properties, as this will leave you vulnerable to third party litigation from your neighbour(s).
- ✗ Flail or trim knotweed, as this will cause the Japanese knotweed to spread.
- ✗ Store materials on top of Japanese knotweed areas, or the materials themselves could become contaminated with knotweed and have to be disposed of accordingly.

- ✗ Add Japanese knotweed to compost, as this can lead to knotweed growing in your compost heap.
- ✗ Burn Japanese knotweed as a sole means of treatment as large rhizome and crowns can survive burning.

Ensure that you do...

- ✓ Isolate the Japanese knotweed by means of '7m rhizome spread zone' exclusion fence prior to the commencement of development works to prevent any disturbance of the plant by workers, vehicles or members of the public.
- ✓ Draw up a Knotweed Management Plan - especially if a number of contractors (i.e. demolition, ground workers, landscapers) are to be involved on the site and adhere to it throughout your project.
- ✓ Commence treatment/removal of Japanese knotweed as soon as possible after discovering its presence. Treatment of Japanese knotweed on land banks is highly recommended as they will prove easier to either sell or develop than if the knotweed has been allowed to thrive for several years.
- ✓ Adhere to recommendations in the PCA Knotweed Code of Practice (2018), when managing and treating Japanese knotweed.

Property Owners are Responsible

It is upon the property owner to ensure they manage and control knotweed on their property. Should knotweed be allowed to grow unfettered, you could face litigation for knotweed encroachment or failing to prevent the spread of knotweed.

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

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ALLETT'S ELECTRIC DAY AT TWICKENHAM

Allett Mowers invited industry leaders to Twickenham Rugby Stadium on May 14th to showcase the new Allett C34E battery powered mower and hold informal talks on sustainability. Attendance at the venue represented football, rugby, cricket, Royal Households, Oxford and Cambridge University colleges and dealers. Austin Jarrett, Allett's Managing Director, gave a talk on the company's battery machine strategy and the technology behind battery electric power helping to drive the future for professionals. He emphasised the health and safety benefits of non-particulate power and sustainability with zero emissions at the point of use, low noise, low vibrations and minimum maintenance.

Twickenham Rugby Stadium's Head Groundsman, Keith Kent, talked about how he maintains a world class pitch, providing the same standards whatever the use, be it international rugby, leisure events or even schools tournaments. The third speaker, sustainability expert Professor David Stubbs, presented on the challenges in the industry, using a case study of

the London 2012 Olympic Games. His talk embraced climate change and how sport can help address major global ecological problems.

The talks were followed by pitchside demonstrations with everyone allowed access to the hallowed turf and a very green pitch in bright sunlight. The Allett C34E was exceptionally well received with its battery packs and futuristic looks combined with the tradition and heritage of the Allett cylinder mower. Since it was first seen at Saltex 2018 Allett have spent the months in trials and further developments, to bring the mower to the stage where it is ready to go into production. Powered by the latest Lithium-ion system battery technology, the C34E has a new chassis design while maintaining compatibility with Allett's renowned turf maintenance system. The mower has plenty of power to drive the interchangeable cartridges for powered raking, aerating and brushing. Delegates were shown that, just like its petrol counterparts, the C34E gives an impeccable cut and lays down Allett's hallmark stripes.

Austin Jarrett says:

"We'll be using the debate and feedback from the customers to form part of Allett decision making and future planning in our battery machine strategy. The industry is rapidly changing and while we aim to be at the forefront we will only be launching twenty C34E this year. When a customer buys one of the first 20 machines we will work with them and their dealer on any developments of the machine before we go into mass production next year. They will become an Allett Pioneer Programme member and attend focus groups and factory visits and will also get exclusive Pioneer merchandise."

The consensus after the meeting was general agreement the industry is quickly learning about sustainability and recognising the need to gain greater momentum in the face of climate change.

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THE WORKER IS KING

Ross Woodley won't be turning over any new leaves when it comes to the trucks he relies upon to support his business – Romsey Tree Surgeons' latest 3.5-tonne FUSO Canter is its sixth in a row!

Mr Woodley established his business in the Hampshire market town of Romsey in 1998, and bought his first Canter six years later. He's been running them ever since.

The most recent arrival from south coast Dealer Marshall Truck & Van, which also represents Mercedes-Benz Trucks, is a Canter 3C13 model with Comfort day cab and economical 96 kW (130 hp) 3.0-litre turbo diesel engine.

Acquired with competitive funding support from Mercedes-Benz Finance, it has a high-sided tipping body by Solent Bodybuilders & Repairs, of Fareham, a roof-mounted flashing light bar, and bears the personalised registration plate, FE11 ASH.

Mr Woodley explained: *"I buy a new Canter every three years, and always have two at any one time – my other truck has been on the road since 2015. When they're due for change I sell them privately. We don't do a lot of miles but when I come to replace them I'm always impressed by their residual values."*

Romsey Tree Surgeons serves domestic and commercial customers in Hampshire, Dorset and Wiltshire.

Members of its team are qualified to undertake a broad range of services, including pruning and thinning, but the firm specialises in the safe removal of trees, or parts of trees, which are large and dangerous, often as a result of storm damage.

Key to the Canter's appeal for Mr Woodley, are the strength and rugged durability which owe much to its ladder-frame chassis. *"Most of its 3.5-tonne competitors are based on vans, which simply aren't robust enough for our operation,"* he observed.

"But the Canter is a proper little truck. It's very well built and, as we know from long experience, extremely reliable – I can honestly say that in the 15 years we've been running them we've never had a single breakdown."



He continued: “We always send at least two but often three men out in the trucks. The Canter’s cab has three full-sized seats, so they travel in comfort and safety.

“The vehicle’s handling when carrying a full load is also totally reassuring. It sits really well on the road and has a great turning circle, because you sit right over the front wheels. That’s another important attribute when we’re on and off residential driveways, and other sites at which access is restricted.”

As it has done with Romsey Tree Surgeons’ other FUSO trucks, Solent Bodybuilders and Repairs also fabricated and installed a toolbox with locking shutter doors on both sides immediately behind the new vehicle’s cab, while a mesh-sided tray beneath the body on the nearside is used to carry signage and other equipment. The truck is also fitted with a hitch, and used to tow a wood chipper.

In addition to its two Canters, Romsey Tree Surgeons runs a Mercedes-Benz Citan van which was also supplied by Marshall Truck & Van, last year. “I can’t fault the Dealer,” reported Mr Woodley.

“They handle all of the liaison and movements with the bodybuilder, while we also utilise FUSO Service Contracts – we drop the vehicles off at the end of the day and the work’s done overnight so we’re ready to roll again next morning.”

He added: “I like my trucks to look smart because they double as mobile advertisements for the business. We’ve picked up quite a few jobs over the years, from people who’ve seen us out and about, and followed up with a phone call.”

treesurgeonsromsey.co.uk



NEW ECHO 58V HIGH PERFORMANCE BATTERY HEDGETRIMMER

ECHO's new HT-58V2AH offers petrol performance from a battery powered hedgetrimmer. The 58V hedgetrimmer has the same professional build quality as ECHO's petrol models and is both powerful and tough. The power the Lithium-ion battery powered motor produces is equal to a petrol model's output. No effort is required to get started. There's no mixing of two-stroke, filling a power tool's tank or storing fuel. It's just a matter of charge and go! Low noise, no emissions at the point of use and low vibration make this hedgetrimmer ideal for working in areas such as schools and nursing homes, parks, nature reserves and organic gardens.

The hedgetrimmer is lightweight and yet boasts enough power to tackle tough hedge cutting jobs. There's a run time of 90 minutes and it comes with a quick charger to help reduce down time. The standard 2Ah battery is fully charged in just thirty minutes. The battery powers a robust, brushless electric motor that promises to be long lasting and maintenance-free because only non-wearing parts are used.

ECHO's awareness of how their products will be used is reflected in the hedgetrimmer's design, with its ergonomic front handle for greater manoeuvrability and user comfort. Vibration in this model is also exceptionally low compared to petrol powered machines.

The 610mm double reciprocating, precision cut blades make light work of trimming and cutting. They give a cleaner cut, regardless of the angle, and are self-sharpening due to the action of the double-sided cutting teeth. Anti-jam technology also ensures continuous cutting.



The extended reach of the blades reduces user effort and the need for frequent repositioning, which means greater productivity for the operator.

The ECHO HT-58V2AH hedgetrimmer is part of the new 58V range which also comprises a lawnmower, chainsaw, power blower and trimmer, with two battery types: 2Ah or 4Ah for greater run time.

The hedgetrimmer uses an interchangeable Lithium-ion battery system which enables one battery to fit multiple tools.

ECHO offers a one-year professional use or two-year domestic warranty on the hedgetrimmer which shows they are extremely confident in their machines. This confidence extends to the batteries themselves which have two-year warranty.

Find out more from your local authorised ECHO dealer, by visiting www.echo-tools.co.uk or by calling 0800 597 7777 for more information



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With its range of versatile, high-quality and easy-to-use power tools, Bosch Home and Garden has the perfect tool to bring your individual design and ideas to life – allowing you to create a home truly made by you.

Time to clean and tidy

If you're looking to kick-start your spring-cleaning routine with a good tidy-up, Bosch is on-hand with a range of convenient and easy-to-use tools to freshen up your home and garden.



Lightweight, cable-free and powerful, with the UniversalVac 18 handheld vacuum cleaner you can effortlessly clean all around your home – from your work surface after a spot of DIY, to refreshing furniture upholstery.

The UniversalVac 18 also benefits from a highly versatile design, with an extensive range of accessories you can use to adapt the hand-held unit into a powerful vacuum cleaner for floors and hard-to-reach areas.

RRP: £62.99 (tool, floor nozzle, brush nozzle, crevice nozzle, two extension tubes, filter unit). Battery (RRP £50.99) and charger (£31.99 RRP) bought separately.



Cleaning windows has never been simpler thanks to the Bosch GlassVAC, which provides beautiful, streak-free results. Using Bosch's expertise in automotive windscreen wipers, the GlassVAC's wiper blade features Power Protection Plus polymer coating, so it glides over surfaces with minimal friction. The rubber blade is both strong and durable and comes in both large and small sizes to negotiate a host of different surfaces and scenarios. This includes glass surfaces, tiles, mirrors or shower cubicles – and even liquid spillages.

RRP: £64.99 (tool, charger, large suction head, small suction head, spray applicator bottle, large and small microfibre cloths).



With the grass starting to grow again, get ahead and keep on top of the lawn with the all-purpose Rotak 34 R electric lawnmower. With a powerful Powerdrive motor, the Rotak 34 R provides a quick, clean and easy cut, also featuring grass combs to enable effective cutting right up to the edge. Its lightweight and ergonomic design makes it easy to work with, too; the double-folding Ergoflex handles not only help you keep a comfortable posture, but also allow you to store the lawnmower easily once you're done.

RRP: £139.99 (tool, grass box).

Storage and more - made your way

If you're planning to spruce up your living space with some new, home-made storage solutions this summer, Bosch also has a wide range of high-quality tools to help you make it happen.



Enjoying a cult status among DIY enthusiasts, the iconic cordless IXO screwdriver is designed with ergonomics in mind. With optimised grip positions, lithium-ion battery technology and shorter charging

times, IXO offers you a flexible and convenient companion for projects both big and small.

RRP: £44.99 (tool, charger, 10 standard screwdriver bits).



For powerful screwdriving and drilling, the AdvancedDrill 18 is the perfect cordless drill driver to use with tougher materials. Designed from the ground-up for seamless use and easy application, its 2.5 Ah lithium-ion battery is part of the 18 V Power for ALL cordless system - which means the same 18-volt battery can also be

used in over 25 different Bosch DIY and garden tools - giving you ample power and efficiency to tackle the job at hand.

RRP: £74.99 (tool, chuck adapter, screwdriver bit); £174.99 (tool, chuck adapter, screwdriver bit, battery, charger).



Build your favourite DIY projects with precision using the latest Zamo laser measuring tool. With a simple click of the tool's centre button, the Zamo can measure distances up to 20 metres with pinpoint accuracy. The tool can also be used to measure the size of spaces in metres squared, too. What's more, the latest Zamo is compatible with a number of different attachments; the tape measure,

measuring wheel and line-levelling adapter make the Zamo the perfect companion for helping you complete your projects to the highest standards.

RRP: £55.13 (tool, two AAA batteries); RRP: £89.99 (tool, two AAA batteries, tape adapter, wheel adapter, line adapter). Tape adapter (RRP: £13.99), wheel adapter (RRP: £13.99) and line adapter (RRP: £13.99) can also be bought separately.



DIY enthusiasts can enjoy equal levels of performance, practicality and comfort with the PST 18 LI cordless jigsaw. Powerful enough to cut through depths of up to 80mm in wood and 5mm in steel, it features a range of innovative technologies that enable you to seamlessly control your cut no matter what material is being used. Bosch CutControl and the integrated PowerLight allow you to track your

cutting line easily and safely with a perfect view of the material you are cutting. Meanwhile, Bosch Electronic technology helps you to use the trigger to control how fast the blade cuts, so it's easy to adapt your cutting to different materials.

RRP: £79.99 (tool, saw blade). Battery (RRP £50.99) and charger (RRP £31.99) bought separately.



GREENMECH LAUNCHED EVO 165 AT THE ARB SHOW 2019

The ARB Show provided the launch platform for GreenMech to introduce their much-anticipated revolutionary new woodchipper series, the EVO 165. Capitalising on GreenMech's engineering prowess, this new range has been designed in direct response to industry demands to deliver more aggressive torque, more powerful bite and more throughput.

The EVO 165 combines a wealth of new features, together with some of GreenMech's proven innovations which have seen their chippers become the preferred choice with many industry professionals. Its wide infeed chute, together with twin horizontal rollers and GreenMech's 'No-Stress' control system mean the Evo 165 efficiently grips timber and brash and controls its lateral movement to provide maximum bite and unparalleled processing power via its new, heavy-duty flywheel and re-flowed exit chute.

Optimised outputs from a diesel or petrol engine option provide usable power that matches budget with operational needs, alongside maximum fuel efficiency and compliance with Stage V Emission requirements. The EVO is the quietest machine GreenMech have produced to date, beneficial for both operators and neighbours alike.

Together with improved performance, the aspects of safety, durability and ease of maintenance have also come under the spotlight. GreenMech have fitted the Evo with a new safety bar system to minimise nuisance tripping while offering a better inflow of material. The Evo's durability has been increased with the adoption of a one-piece fabricated chassis that provides greater strength in even the most demanding of operational conditions. Meanwhile, GreenMech's patented Disc Blade system continues to provide in excess of 900 chipping hours before replacement.

When maintenance is required, the vertical and horizontal shear bars have been re-engineered to be more accessible and a centralised greasing point has been introduced to make regular servicing easier to carry out.

Commenting on its introduction, Sales Director Martin Lucas said, *"As the requirements of today's arborists continue to evolve, it's vital that we as manufacturers are listening to them and providing them with the tools to meet their growing demands. The Evo 165 is designed to do just that, with years of developments and trials going on behind the scenes to create our most efficient chipper to date. This launch marks just the beginning of our EVO development programme and we're expecting this to make a big impression at this year's Arb Show and beyond."*

**GreenMech Ltd, The Mill
Industrial Park, Kings Coughton,
Alcester, Warwickshire B49 5QG
Tel: +44 (0) 1789 400044
www.greenmech.co.uk**

THE NEWEST CLOTHING INNOVATIONS IN THE 2019 SNICKERS WORKWEAR CATALOGUE

Including market-leading designs and the latest fabric technology innovations from the world's leading Workwear brand.

This 200-page catalogue has all you need to know about the UK's most extensive range of working clothes for professional tradesmen and women.

There's something for every trade you can name in the Snickers Workwear range - AllroundWork, RUFFWork, LITEWork and FLEXIWork clothing - Trousers, Jackets, Tool Vests, Shirts, Underwear, Accessories and much more - plus an extensive range of EN-certified PPE working clothes.

Added to which, there's the most innovative street-smart stretch fabrics for mobile comfort and a Layered Clothing System that ensures you can choose clothes to suit the weather on site - rain or shine, wind or snow.

Complimented by Snickers Profiling and Embroidery services and the most extensive range of garment sizes, the Snickers Workwear system delivers the ultimate solution to make every man and woman's workday easier and safer.



For more information, visit the website at www.snickersworkwear.co.uk alternatively, call the Snickers Helpline on 01484 854788

THE NEW PROTECWORK PROTECTIVE CLOTHING FROM SNICKERS WORKWEAR

Fully accredited, advanced Protective Wear for heat and flame, electrostatic and chemical risk environments from the UK's leading workwear innovator.

ProtecWork is a new collection of protective working clothes and accessories from Snickers Workwear, which has developed out of over 40 years leading the workwear industry - and through close consultation with users and employers in the railway and energy sectors around Europe.



The market-leading risk-protection properties of the clothing are integral components of the extensive range of Base-, Mid- and Top-Layer garments for men and women that combine well with the Snickers Workwear hallmarks of best-in-class durability, comfort, ergonomics and fit.

Fully accredited as appropriate to a variety of risk and weather conditions such as heat and flame, electrostatic, chemical and bad weather working environments, all the garments are manufactured from tailor-made fabrics designed to respond to the demands and risk factors of the conditions in which they're worn.

So with over 60 different garments and accessories to choose from, you can make sure you get the right protection, visibility, flexibility, comfort and durability. Check out the new Snickers ProtecWork range to fit your workday and well-being on site.

For more information on the new ProtecWork products, visit www.snickersworkwear.co.uk alternatively, call the Snickers Workwear Helpline on 01484 854788

HELLBERG SAFETY PPE AND SNICKERS WORKWEAR - COMFORT AND SAFETY COMBINED

The Hultafors Group Adds Hellberg Safety PPE products to its premium brand portfolio for professional tradesmen and women.

With over 50 years experience in the PPE industry, the Hellberg Safety specialist equipment includes highly advanced hearing protection products, face protection and communication solutions for personal protection on site.



From face guards, helmets and passive hearing protection with up to 3 levels of protection from low to extreme noise, Hellberg also supply secure electronic hearing protectors to suit different work environments.

Peter Dumigan, managing director of the Hultafors Group UK says, "Hellberg PPE products complement the Snickers Workwear and Solid Gear Safety Footwear product portfolios so well - in particular the newly launched Snickers Workwear ProtecWork Heat and Flame Protective Wear".

"The Hultafors Group now provides the UK market with an even more extensive range of EN-accredited, top quality premium brand products, ideally suited to protect the personal wellbeing and safety of the discerning professional tradesman and woman".

Getting information on the new Hellberg Safety product range is easy - call the Hultafors Group UK Helpline on 01484 854788 or checkout the website www.hellbergsafety.com

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CAUSING A STIR

Three years on since the announcement was made that BLEC was to become a division of the Redexim Group, the press were recently invited to an update event at BLEC dealer Acorn Tractors in Derby. Hosted by Division Manager Curtis Allen, they heard in more detail how the new and enhanced range of specialist landscaping and turfcare equipment is creating quite a stir.

A busy few years under the guidance of the Redexim Group has seen the streamlining of product ranges and manufacture, along with the appointment of a network of dedicated dealers nationwide. Amongst the machines shown on the day were the Blecavator, Laser Grader and Multi-Seeder where key developments were discussed. Of particular note was the number of mechanical adjustments made to the renowned Laser Grader

range including new twin Danfoss proportional valves and heavy-duty finger tines, that both now come as standard. The all-new Power Box Rake 1800 was another highlight as the first Redexim designed and engineered addition to the BLEC offering. Whilst following the ethics of the previous versions of the PBR, this machine has been built from scratch to be the perfect tool for cultivating, earth-moving, grading and raking.



During the presentation and subsequent working demonstrations, it was evident how machines from across the BLEC range can be used in conjunction with one another, in the process of converting bare earth into a surface ready for seeding. With a comprehensive selection of pedestrian and tractor-mounted units, each available in a variety of working widths, they're suited to applications from landscape gardeners, golf course construction, sports pitch preparations to large-scale groundworks.

The press were also treated to a talk from Sean Goodwin, Director of Talbot Farm Landscapes and Talbot Sports Turf, and long-standing user of BLEC machinery. Sean has a vast selection of BLEC units on his machinery fleet. He adds, *"The BLEC range demonstrates an understanding of what we, the commercial landscaper/sports turf contractor, really need. The build quality is one thing that has always impressed me but the new Multi-Seeder I have purchased*

through Redexim is even better – well engineered and attention paid to every detail. With the resources available to Redexim, the manufacturing prowess and the ability to stock a wider range of parts through their dealer network, they have the potential to take BLEC to the next level."

Curtis summarised, *"Despite its best efforts, the rain didn't dampen spirits on what was a fantastic opportunity to update the media on all of the improvements we have worked hard to deliver across the portfolio. We have come a long way with the range already and with further innovations in the pipeline we're entering a very exciting period in the BLEC story. A big thank you must also go to Julian Simpson at Acorn Tractors for providing the host venue and coordinating such a positive day."*

www.blecmachinery.com





BLEC LASER GRADER

A WINNER FOR TOTAL EQUESTRIAN

Managing Director of Total Equestrian, Steve Keen, is delighted with their purchase of a Laser Grader 2400 from BLEC, which has improved both the speed and accuracy with which they can prepare and level flat areas. Since its addition to their fleet, the LG 2400 has come in particularly useful for preparation groundworks on outdoor and indoor arena projects.

Undertaking the construction of various equestrian facilities including gallops, stable blocks and schooling areas, Total Equestrian operates throughout the UK and Europe and is currently celebrating its 25th year.

*“I’d long been familiar with the **BLEC Laser Grader**, having seen some close industry contacts using one, and had always been keen to purchase one if our workload could justify it”* explains Steve.

“Over the years we attended several trade shows and looked at various models of grader, but most tended to suit bigger construction firms and were therefore surplus to our requirements. The BLEC machine is compact, easy to use and a much better fit to the projects we’re involved in.”

Without even having a demonstration, Steve contacted Curtis Allen of Charterhouse and purchased an **LG 2400** in January 2018.

*“This machine has made a massive difference to our ground preparations, especially for the final soil grades or stone trimming for outdoor arenas. We also use it to quickly and precisely apply the dust layer for indoor show areas. For arenas, it’s imperative to achieve a flat surface and the **Laser Grader** ensures accuracy every time - no matter the conditions or the*

*operator carrying out the task. The larger the area to prepare, the more grateful we are to have the **Laser Grader** at our disposal and now that it’s part of our fleet, we are equipped to deal with most groundwork projects, no matter what size.”*

The **BLEC Laser Grader** is available in a variety of working widths, from 1.5m to 2.4m, and comes complete with ripping tines for the effective loosening of heavily compacted ground. The range is fitted with twin Danfoss proportional valves and a rear 4-wheel frame, with each pair of wheels controlled independently for dual grading. All models are also set up to accept any make of laser equipment.

Tel: +44 (0) 1428 661222
 Fax: +44 (0) 1428 661218
www.blecmachinery.com



CORVUS

- THE NEW UTV ON THE BLOCK

Corvus is a new name in 4x4 off-road utility vehicles and one to look out for when its UTV's arrive on our shores. Europe's first manufacturer of 4x4 Side by Side vehicles has the strongest pedigree and states an aim to offer technologically superior and highly capable, pioneering vehicles. A new British company, BOSS ORV, has been formed to introduce, distribute and support the Corvus brand in the UK. BOSS will officially launch three models at the outset: TerrainDX4 EPS, TerrainDX4 PRO EPS and TerrainDX4 CAB EPS.

"When you first look at the Terrain you can see immediately it's a well-designed and tough, professional UTV." Says Phil Everett, BOSS ORV's Managing Director.

"Look deeper and it stands out for environmental and technological advancement, a powerhouse engine

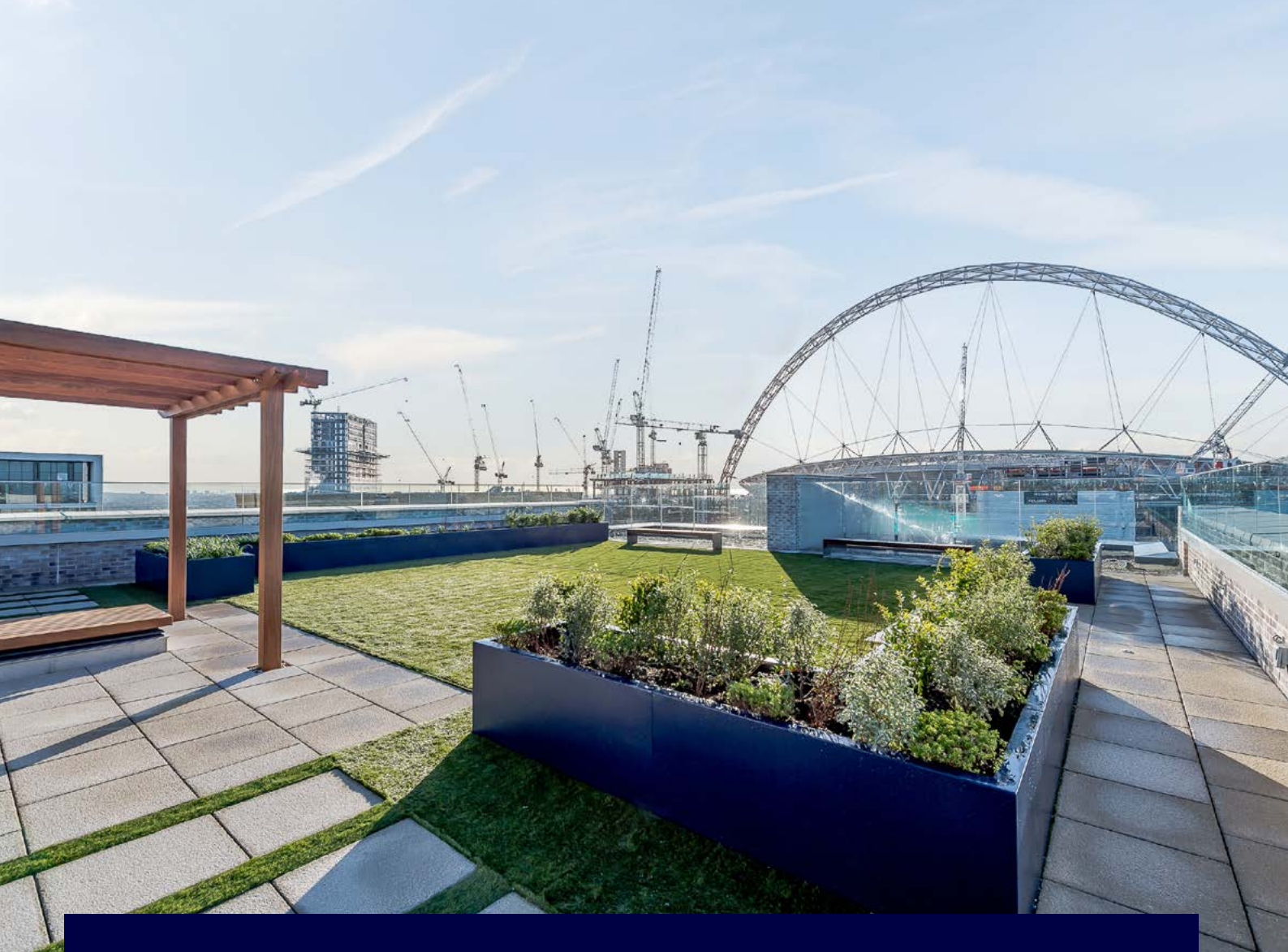
and a great payload capacity. We're proud to be able to offer the Corvus range in the UK."

The Corvus main construction facility is in Murcia, Spain with an area of 25,000m² dedicated to manufacturing and assembling, using their own parts and components: gear box, transmission, chassis and technology systems. The company is part of the Tuxton/Yanmar group so it's a natural fit to marry up the normally aspirated, inline 3-cylinder 993cc Yanmar Diesel engine which gives excellent fuel efficiency and range. The engine is Euro 6 compliant which puts it right at the forefront of the market, leading the Corvus programme of designing systems for reducing emission levels. All the above mentioned Terrain models are homologated to T1b tractor regulation and have a top speed of 40mph/65kp/h.

Corvus is building the Terrain for work primarily in agriculture, livestock, forestry, turf care and construction but they are highly adaptable vehicles ready for any demanding off-road workout. Boss ORV will launch the Terrain UTV's in early September.

"In the meantime," says Phil *"we will be building a small, specialised dealer network throughout the UK to offer customers the highest level of service and support."*

For more information about the Corvus Terrain range you can call
01597 810188
E-mail: sales@bossorv.co.uk
Web: www.corvus-utv.co.uk



DON'T MISS THESE SUPER NEW PODIUM GARDENS & ROOF TERRACES!

With summer here, it's the perfect time to focus on gardens and roof terraces - and the new Landsby development from Tipi in Wembley Park has some superb examples of both.

The 295-apartment build to rent development boasts some outstanding social spaces. Indoors, the residents' kitchen, dining room and lounge/work from home space have already proven popular. Now, it's time for the site's two podium gardens and roof terraces to shine.





All four outdoor areas feature exceptional views of Wembley Stadium's iconic arch, making them ideal for everything from family picnics to impressing your visitors. With a mix of wide, grassy spaces and more intimate seating areas, along with some lovely feature planting, the gardens and roof terraces are the perfect spot for making the most of the early spring weather in London.

Kirk Nelson, Director of LDA Design, the landscape architects appointed to design and install Landsby's podium gardens and roof terraces comments,

"The Landsby Gardens & Terraces represent a fresh and practical approach to providing year-round, outside living, entertainment and play space for use by resident's and their visitors. As part of the Wembley Park Landscape Masterplan, developed LDA Design, the roof gardens form part of the vibrant residential, retail, cultural and entertainment neighbourhood being developed, with a special character distinct to Landsby a pair of stepped residential blocks designed to maximise views for residents.



"Envisaged as accessible garden spaces and providing a welcome buffer between the bustling Olympic Way and Weaver Walk, the gardens contribute to a sense of calmness and serenity above street level. The roof top gardens create a stunning destination for day and night time viewing of the surrounding Wembley Park, Arch and distant views to the City, Barn Hill and Harrow-on-the Hill. The West Garden at Level 1 and the East Garden at Level 2 include playable landscape

elements in addition to the seating and entertaining space.

"The design of the two roof top gardens maximises the views with pathways alongside the glass-topped balustrade. The artificial lawns were chosen over live lawns to reduce loading, provide year-round access, remove the need for watering and use of fertilisers and chemicals and deliver the luxury of ease of use and the lifestyle choice associated with high end rental living.

“The landscape architects at LDA Design worked closely with Tipi to coordinate the design of the spaces including colourful, fragrant and seasonally interesting planting in metal-effect, light weight bespoke GRP planters, colour coded to match interior and exterior architectural finishes.

“Hardwood timber seating with recessed lighting and speakers for music are located to maximise views and social interaction. Space and power points have been provided for resident’s use, including barbecues, parties and other events organised by Tipi.

“The south facing shared terraces host an assortment of activities for varying age groups, enjoy views towards Wembley Stadium and over the hustle and bustle of Weaver Walk, Market Square and Olympic Way.

“The West Garden features a playable landscape for pre-school children with a tunnel, slide, spinner and balance beam linked by ‘stepping stones’, mounding and curvilinear planting to foster imaginative and

creative play. The East Garden features bespoke playable elements such as view mounds, serpentine seating, a timber maze and climbing cubes set in brightly coloured play safety rubber that is screened from the private terraces by tall planters featuring tall grasses, evergreen and sensory planting that includes flowers

attractive to bee’s and butterflies to promote pollination and wildlife, ensuring that resident’s contact with nature is encouraged and celebrated. School age children have their play space in the adjoining neighbourhood park, Elvin Gardens, which also features an amphitheatre, lawns, planting and seating.”





About Landsby

Landsby's 295 apartments feature a relaxed, scandi-led interior design. Tipi has teamed up with Samsung and John Lewis to design their best apartments yet, situated in the heart of the action next to Boxpark and a new theatre, both opening soon.

Tipi's first pet-friendly building, (for well-behaved pets), Landsby also features the best social spaces yet with a resident kitchen and private dining room, a lounge, podium gardens and roof terraces.

Apartments at Landsby are priced from £1,664 pcm for a one-bedroom home, £2,200 for a two-bed and £3,000 for a three-bed. All include utilities and 40 mb/s broadband. Tenancy durations are flexible (with the standard being three years) and no deposit is required.

For more information visit www.tipi.london, take a video tour of a Tipi apartment or call 020 3151 1927



HIGHLIGHTING BRITAIN'S TOXIC AIR SCANDAL

HOW C4'S DISPATCHES & HEDGES DIRECT REDUCED AIR POLLUTION BY 53%

Pollution from traffic fumes and particulate matter is reaching high and illegal levels on a regular basis across the country with one in three children growing up exposed to unsafe levels of air pollution.

The effects are highly detrimental leading to narrowing of airways, prevalence to lung diseases such as asthma and even affected brain development. But what is the solution?

Lancashire based company Hedges Direct, specialist online suppliers of hedging and garden plants, with partner Green-tech Ltd, recently supplied Channel 4's Dispatches programme with Ivy Screens and



other garden plants in support of a ground-breaking experiment at Lordship Lane Primary School in London.

The Channel 4 programme which aired on Monday 10th June at 8pm, documented over a 2 week period, an experiment which saw the school undergo changes both externally and internally to attempt to combat the effects of pollution throughout. The levels of both Nitrogen Dioxide from exhaust fumes and other particulate matter from brakes and tyres produced by all vehicles (including



electric), were measured before and after for comparison. Prior to the experiment, the Nitrogen Dioxide levels and other particulates around the school were found to be over 50% higher than 'acceptable' levels.

For the external anti-pollution measures, the Hedera Helix Ivy Screens, 1.8m high x 1.2m wide supplied by Hedges Direct, were installed as a perimeter solution around the school exterior to attempt to absorb sooty particles from traffic pollution and provide cleaner air for the children when spending time outside. A garden was also created in the playground area featuring various evergreen hedging plants to help supplement this.

At the end of the 2 week period, levels were measured again and the results were nothing short of staggering. In the playground and external areas of the school, the addition of the Ivy Screens and garden plants had **reduced the pollution levels by as much as 53%** - a significant reduction within a very short timeframe.

The question is, how much is our children's health worth? In the programme, Anna Kettleby the Director of Programmes for UNICEF called for a national strategy with ring-fenced funding so that action can be taken on what she deemed a 'major child health crisis', with 86% of children now breathing toxic air as a result of 'persistent and illegal breaches of the UK Air Pollution Limits'.

It's a frightening picture.

However, whilst measures are being taken by the motor industry to reduce pollutants from vehicles, substantial reductions and new government legislation to tackle the problem will all take time.

What the Channel 4 Dispatches programme did highlight, was that these greener and simple anti-pollution measures, now have evidence to show significant contribution toward better air quality within the local environment, helping to reduce exposure to harmful pollutants and preserve the health and wellbeing of our children.

For schools and nurseries in heavily trafficked areas across the UK, of which there are over 2000 that fall into high / illegal levels of pollution areas, this information will no doubt be invaluable, and whilst funding is always an issue, ivy screens and other planting options can not only be cost-effective but more importantly can provide an immediate improvement in air quality, as evidenced in the programme.

The Channel 4 Dispatches programme 'Highlighting Britain's Toxic Air Scandal' can be viewed on Channel 4 catch-up now.

To find out more about the Ivy Screens and plants supplied for the programme, visit www.hedgesdirect.co.uk or call 01257 788281



GLOBAL TREE PIT INNOVATOR

GreenBlue Urban is proud to announce their first ever showroom in Farringdon, London - Located at 117 St John's Road, EC1V 4JA.

The London based showroom will be the only place in the UK to showcase a range of **tree pit products** that enable healthy uncompacted aerated soil for extensive urban tree canopy growth. Products include; Soil Cells, Root Management, Irrigation, Aeration, Grilles and SuDS solutions.

Working alongside our sister company Kinley the showroom will also display a range of outdoor inspired products to assist specification of edging, tiling and planters.

With typical attention to detail and the highest standards of quality the showroom will host an array of space for discussions with the GBU technical team who will be on hand to assist with your urban planting needs. A CPD room is available for groups and in July will host a **VIP Event** for the grand opening. (Enquire for details as spaces are limited).

Established over 25 years ago with more than 40 years' experience in the landscaping industry GreenBlue provide exceptional expertise in planning, design and the installation of trees in the hard landscape.

Working alongside Landscape Architects, Urban Designers, Local Authorities, Contractors and Arborists the renowned **ArborSystem®** brings together the key elements of successful tree pit design and simplifies the planning and installation process.

For more information or to make an appointment please email enquiries@greenblue.com

Call 0800 018 7797 or 0207 253 2800.

www.greenblue.com

GREEN-TECH SUPPLY URBAN TREE PLANTING MATERIALS FOR MANCHESTER TRAFFIC ISLAND

Leading landscape supplier Green-tech was called in to assist Newbrook Gardening Services with the planting of two established trees in urban Manchester.

Salford council commissioned a new traffic island on Cromwell Road in Salford; which was designed to stop vehicle access.

Argyle NW Construction was the contractor and invited Newbrook Gardening Services to install the trees on their behalf.

Newbrook Gardening Services are specialists in grounds maintenance, landscaping and snow clearance and gritting services in the Manchester area.

They have worked with Green-tech for many years and approached them to supply the ArboRaft tree planting system, ArborRaft soil, tree grilles and Resibond to complete the project with a contemporary finish.

Owner of Newbrook Gardening Services Jonathan Fearick said, *“Our client is pleased with the end result. The tree grilles look contemporary but are robust and hard wearing and won’t need any maintenance. The trees are nicely established and looking good. Green-tech were great with the advice they offered me. Their pricing, delivery and service was all spot on and I’d highly recommend them.”*



www.green-tech.co.uk



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HOW GREEN ROOFS ARE AIDING THE URBAN ENVIRONMENT

It is widely acknowledged and accepted that green spaces are important to health and wellbeing. Numerous studies have shown that utilising green spaces boosts the wellbeing of urban dwellers; improving both physical and mental health.

With space being at a premium, planners and designers in towns and cities have been rising to the challenge of coming up with creative solutions. Creating green spaces on top of buildings, known as Roof Gardens, Green Roofs or roof garden terraces has been one such response and has proved popular with designers, planners and citizens. Green spaces on roofs which are accessible to the local community as a social space for citizens to relax and enjoy nature is becoming increasingly common in new development plans.

So, as well as the health benefits are there any others to justify the cost? Quite simply, yes - numerous! Green roofs are a simple means of supporting and increasing bio-diversity. By planting wildflowers, sedum or other flowering plants a green roof space can provide a range of ecosystem services and mitigates the ecological impact of construction. There are huge benefits to the environment by reducing air and noise pollution. As with any green-covered planted area, a green roof will help to lower levels of CO₂ (carbon dioxide) in the air which has an overall positive effect on the local environment as well as contributing to the wider global warming issue. Green roofs are widely acknowledged to counter the urban heat island effect and aid with flooding by slowing down storm water or attenuating it via a Blue Green roof.

Its worth noting that including a green roof in your planning might make it easier to gain planning permission. BREEM (the Building Research Establishment's Environmental Assessment Method) is a method used to assess a development or building's sustainability with regard to a series of ten different categories. Incorporating a green roof into your project will earn you BREEM points, the number will depend on a number of factors which includes the purpose of the green roof, whether for energy efficiency, ecology etc



Installing a roof garden, green roof or roof garden terrace is not without its challenges. During the planning and design stage considerations need to be given to site access, health and safety features, over-looking neighbouring properties, accessibility for citizens, load-bearing capacity, drainage and ongoing maintenance and management.

There are many specialist organisations to guide you through the process and well-respected suppliers, like Green-tech who can supply many of the key elements for a successful green roof space. This will include insulation, waterproofing materials, weed control membranes, roof drainage systems, filter membranes, green roof vegetation and roof garden substrates for podium roofs and intensive and extensive roof garden constructions.

Each component contributes to a successful green roof project but for healthy plants, shrubs and trees to thrive your choice of soil is essential. It is critical that a specialist roof garden substrate is selected as you will need



it to be light weight and have good nutrient content and water holding properties – all key ingredients for a successful recipe.

The Green-tree brand of soils and substrates has been successfully installed in many green roof projects throughout the country. With 25 production sites across the UK, the range of Green-tree roof substrates was developed in partnership with landscape and roofing contractors,

architects and designers to produce environmentally sustainable substrates that thrive in harsh rooftop environments. Green-tree have a choice of substrates with different soil profiles to suit all green roof and podium roof installations.

www.green-tech.co.uk
www.green-tree.co.uk

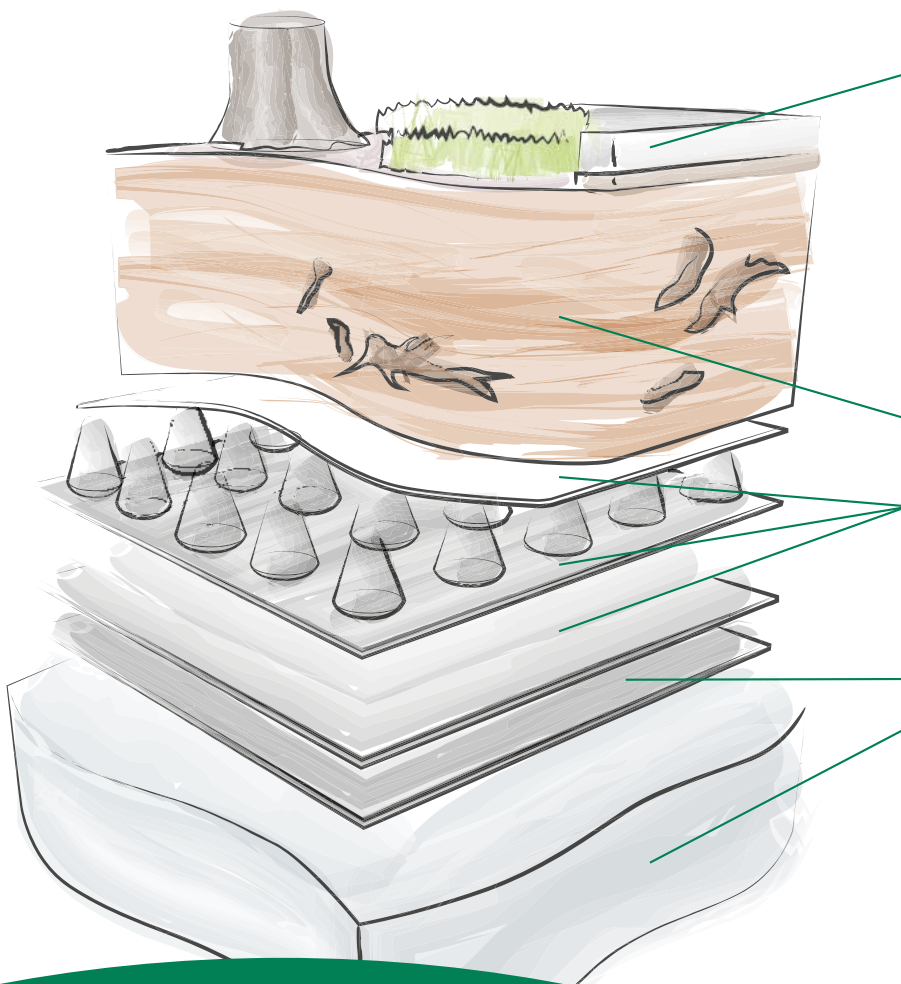




1994 – 2019

Reaching New Heights

Green Roof Systems from Green-tech



Choice of finish – soft or hard landscaping materials available:

- Sedum Matting
- gt Sedum Cassettes
- John Chambers Wildflower Matting
- John Chambers Green Roof Wildflower Mix
- Turf
- Planters
- Sleepers

Choice of Intensive or Extensive Green-tree Roof Garden Substrate

gt Drainage Board System includes:

- Filter Membrane
- Drainage Layer
- Rootbarrier

gt EPDM Waterproofing Layer

Roof Build-up/ Structure

Typical Green Roof Construction

This diagram is an illustration only and demonstrates the range and types of products available for a green roof installation.

Everything you need for a successful installation:

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- Specifications
- CAD drawings
- Product supply

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RESIN BOUND – THE DRIVEWAY SOLUTION CUSTOMERS LOVE!

Rain...waterlogged roads...floods... Climate change and urban expansion have put a strain on drainage systems that were simply not designed to deal with the increased loads they face today. The government has responded with legislation.

One of the key measures of the Sustainable Urban Drainage System (SUDS) is the promotion of permeable surfaces so all new driveways now need to comply with SUDS when tackling surface run off. In brief, unless you are installing a permeable driveway solution, you will need planning permission.

Why is resin bound so popular?

By combining aggregates of varying colours and sizes, it delivers a smooth, very attractive and highly permeable surface. As well as being SUDS compliant, resin bound is also very practical- its attractive natural finish

is low maintenance and it is resistant to weeds and oil spillages- making it incredibly popular with specifiers, architects, landscapers and surfacing contractors who value its versatility as a driveway solution for residential and commercial projects. It can also be used for patios and paths as well as a number of other applications such as car parks, concourses and shopping centres.

DALTEX is the no. 1 brand in resin bound...

The UK's leading resin bound system is DALTEX UVR. Manufactured by Derbyshire Specialist Aggregates (DSA), DALTEX dried aggregates are meticulously dried and screened to produce a high quality product which are combined with DALTEX UVR resin to deliver a beautifully consistent finish.

The DALTEX UVR Resin Bound System has recently been certified by the BBA (the British Board of Agrément). This is the highest accreditation available. Products that receive Agrément Certificates are recognised by building control, government departments, architects, specifiers and industry insurers. It's a mark of quality, safety and reliability that provides reassurance of the product's fitness-for-purpose.

The most popular resin bound colours for driveways

Colour choice is very important for customers. The new DALTEX Bespoke range reflects the latest colour trends and includes 40 stunning colour blends. Each blend is made up of different aggregate sizes and textures and colours span the spectrum - from rich reds to stylish greys to soft, subtle golden browns. There's something for every age and style of property with all designed to maximise kerb appeal.



Resin bound advice and training every step of the way

For those who are considering adding resin bound to their services, there is much to consider. A huge variety of factors during installation can affect the appearance and durability of the surface – rain, consistency of mix, accuracy in timing, trowelling techniques – to name a few..and mistakes can be expensive to put right.

Derbyshire Specialist Aggregates runs a Resin Bound training course from a purpose built training facility in Derbyshire. This practical, hands on course is run by independent contractors who are on hand to answer any questions.

Customers now also have the opportunity to become a DALTEX UVR SYSTEM QUALIFIED INSTALLER. This allows contractors to give peace of mind to their customers and show that they are installing to BBA standards.

To qualify, contractors must have completed a minimum of 6 installations and attended and passed Derbyshire Specialist Aggregates training and site audit. Additional paperwork and auditing is also required.

Both courses cost only £75 (ex VAT) per person and a FREE Hygrometer and Themometer is provided with every booking.





**The easy way to buy resin bound...
direct from the manufacturer...**

As one of the largest manufacturers of specialist aggregates in the UK, Derbyshire Specialist Aggregates offers 100% stock availability and thousands of tonnes of raw material and finished product are kept in stock - ready for nationwide next day delivery.

Buying direct from the manufacturer brings many benefits - and customers appreciate the convenience of a one stop shop. Online ordering is available - but there's always a friendly voice at the end of a phone ready to help.

**Plus new DALTEX trade centre,
brighouse, yorkshire**

A new Daltex Trade Centre has just opened in Brighouse, Yorkshire. One minute off junction 25 of the M62, The Trade Centre carries the entire Daltex range and is perfect for those customers who want to collect their orders. Of course, national deliveries can also be arranged.

WANT TO KNOW MORE?

For more information on any aspect of the DALTEX range and resin bound:
W: resinbondedaggregates.com

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**COLLECTIONS
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- Perfect for driveways, patios and paths
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UNIQUE & HARD WEARING RESIN BOUND SURFACES

The chances are, if you're reading this magazine, you have already heard of resin bound surfaces but in case you haven't, here's a brief explanation:

What is a resin bound surface?

Put simply, a resin bound surface is created by mixing a clear adhesive with a blend of decorative aggregate to

form a screed, which is then trowelled out onto a pre-prepared substrate to create a highly aesthetic, hardwearing porous surface.

There are many different aggregates available and as a general rule installers tend to use either a 75/25% blend of 2-5mm and 1-3mm

respectively or a 50/50% blend, depending on how you want the finished surface to look. Only washed, dried and dust free aggregates approved for use in a bound surface, should be used as the dust and moisture contained in standard aggregates make them incompatible with a bound resin system.



It has been noted that different aggregate types produce different strengths of the finished surface, so if an installation is a driveway that will be taking turning 4x4's, the choice of aggregate blend could improve the lifespan of the surface.

Once a base is ready for laying the resin bound surface on, a skilled four man team of installers can lay up to 200 m², in ideal conditions, per day. The surface can be ready to walk on after 10 hours and fully cured to take the specified vehicles after 24 hours.

Why use it?

- A resin bound surface looks more attractive than tarmacadam or concrete. There are many different applications where you can use it and a myriad of different aggregate blends to choose from to give you a unique finish to suit your taste

and compliment the surrounding landscape.

- A resin bound surface is easy to maintain. Unlike a loose gravel surface, it is resistant to weeds or plant growth, it won't trap leaves or litter and the aggregate doesn't migrate onto surrounding areas. The surface will only need light pressure washing to keep it clean.
- A resin bound surface is very hardwearing. As mentioned before, a driveway taking a heavy vehicle that will have to turn will need to be laid at a deeper depth than a footpath which will only ever be subjected to foot traffic.
- A resin bound surface should last in excess of 15 years depending on the make of the resin and the quality of the installation. Most are guaranteed for at least ten years.





- Make sure it is laid at a depth suitable for the traffic it will be taking. A resin bound system should never be laid at less than 15mm and if it is taking vehicular traffic then the depth must increase accordingly.
- Confirm the resin is a UV stable system. Whilst there are a few different manufacturers and suppliers of resin, the chemistry of these products means there are fundamentally two key types of system produced. They are called aliphatic and aromatic. Aliphatic systems produce a long lasting, UV stable surface. Whilst Aromatic products are cheaper, they don't have the UV stability of the aliphatic system, will discolour and can degrade, becoming brittle over time.
- If you need the surface to comply with SuDS (Sustainable urban Drainage System), the installation as a whole needs to be taken in to consideration. The use of a resin bound surface does not necessarily imply SuDS compliance simply because it is permeable. It should be used in conjunction with permeable base courses or soakaways to achieve SuDS compliance. It is possible to create a SuDS compliant surface using any type of paving however a resin bound surface offers a very simple, cost effective decorative option.

So, now you know a little more about resin bound surfacing, bear it in mind for exterior surfaces that are unique, hard wearing, and eye-catching, low maintenance and can brighten up any outdoor area.

Who uses it?

The endless number of colour combinations make a resin bound surface perfect for commercial and domestic applications such as driveways, pathways, conservatory surrounds, gardens, public areas and even tree pits. Specified by architects or local authorities and chosen by homeowners, a resin bound surface is ideal for anyone that wants a refined or eye-catching exterior surface.

What should you look out for?

- Find a reputable installer. A resin bound surface is not a DIY product.
- Damage to the current surface. The overall finish is dependent on the base. The base plays such an important part with any decorative surfacing system that it should be considered very carefully when planning an installation. If the surface shows any kind of lifting or cracking this should be investigated and repaired before installing the new resin bound surface.

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StarScape ULTRA is a high-performance, decorative, bound surfacing system that provides a highly durable, attractive alternative to traditional exterior flooring types such as paving, concrete, gravel and bituminous surfaces.

StarScape ULTRA was formulated and is manufactured and supplied in the UK by Star Uretech allowing customers to buy direct from the experts. Incorporating the latest in polyurethane technology, its aliphatic formulation ensures a long-lasting installation that will not discolour or become brittle over time.

The attributes and benefits of choosing a StarScape ULTRA resin bound surface include:

High Strength - Excellent bond strength guarantees performance and longevity.

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Approved Aggregate Blends - Tested blends ensure strength and a highly aesthetic appearance.

SUDS Compatible - Highly porous blends allow for incorporation into Sustainable Urban Drainage Systems.

UV Stable - Aliphatic formulation ensures surface will not degrade or discolour.

Low Maintenance – Easy to clean and resistant to plant growth.

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TERRABASE - THE NEXT GENERATION OF RESIN BOUND SURFACING HAS ARRIVED

The versatility and durability of resin bound surfacing has made it the fastest growing paving option in the UK in recent years.

This popular natural aggregate and resin system provides a highly decorative and practical alternative to block paving, loose gravel and asphalt, with the benefit of exceptional porosity for good drainage.

How does it work?

Resin bound is a blend of natural or recycled aggregate mixed with resin and applied to a sound base (concrete or asphalt) to create hard wearing, decorative surfacing with no loose gravel. It is suitable for vehicle and pedestrian use on both commercial and domestic schemes. An ideal paving option for car parks, access roads, cycle routes, drives, courtyards, paths, patios and pool surrounds.

Resin bound surfacing is permeable and provides SuDS compliant paving when used with a suitable base build up. As well as being aesthetically pleasing, resin bound surfaces are hard wearing and low maintenance. They can be swept to remove leaves, moss etc. and power washed as required to keep them clean and vacuumed with a wet/dry vacuum to remove silt to maintain porosity.

A smooth and seamless finish is obtainable with good slip resistance, which ensures that the surface is comfortable underfoot and suitable for pedestrian and wheelchair use, making it ideal for healthcare and education schemes as well as garden projects and pool surrounds. Available in a wide range of aggregate colours, the surface lends itself to creating designs with patterns, logos, wording etc.

Evolving Resin Bound Range

Addagrip Terraco Ltd has been manufacturing and formulating high quality resin based surfacing for over 39 years and strives to bring innovative paving options to the marketplace to meet ever changing project requirements. All of our systems are formulated and tested to a high standard to ensure they meet the expectations of our customers and offer the most suitable surfacing option for their projects.

That's why Addagrip Terraco has developed a full range of tailored resin bound systems each possessing properties that offer solutions for different site conditions and design challenges.

A typical lifespan of our quality resin bound systems is in excess of 15 years - but don't just take our word for it - Addagrip Terraco's Resin Bound Addaset, Addabound and Terrabound have all been tested and approved by the BBA (British Board of Agreement) who note that these Addagrip systems have a lifespan in excess of asphalt. Addagrip Terraco was the first manufacturer to obtain BBA certification for its resin bound systems, leading the way with independent assessment and approval from the UK's leading construction certification body.

Our three BBA certified systems offer high quality UV and non UV resin bound surfacing choices - Addaset provides an extensive range of colours, Addabound offers recycled aggregate content and Terrabound is our darker commercial grade resin matched with darker aggregates.



All systems provide hard wearing, low maintenance, decorative, SuDS compliant surfacing when installed by our approved contractors onto a suitable asphalt or concrete base.

Innovative resin bound without invasive groundwork

But what if you have a site that is sensitive where invasive groundworks are not an option? Addagrip offers an innovative 'Minimum/No-dig' Terrabase Rustic system for those projects where a concrete or asphalt base is not appropriate e.g. heritage sites, sensitive locations such as cemeteries and areas affected by surface tree root issues. Our system has been widely used at Royal Botanical Gardens Kew, Mortlake

Crematorium, Battersea Park and Leaders Gardens Putney to meet such challenges.

Terrabase Rustic offers a natural 'rustic looking' finish using a 6-10mm aggregate size, installed onto a compacted MOT Type 3 base or in some instance onto existing ground, which can be used for pedestrian and light vehicle traffic. Minimum dig, minimum disruption, low environmental impact.

Due to increasing demand for minimum/do-dig resin bound surfacing, the Terrabase system is now available as a Terrabase Classic using our BBA certified Addaset, Addabound and Terrabound for a more contemporary resin bound.

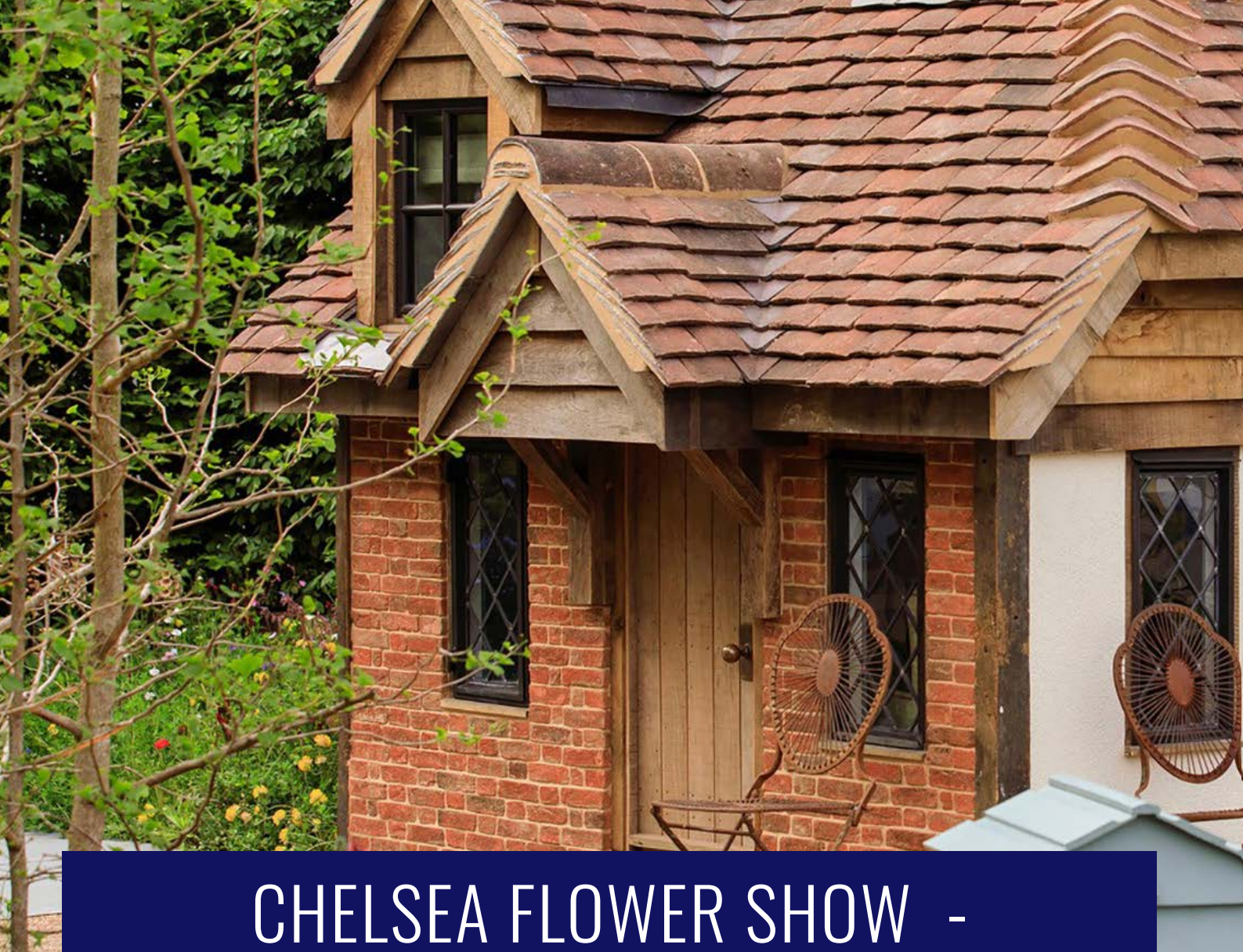


Adding Some Sparkle

To add a little sparkle to your project, Addagrip Terraco also offers Addagrip STARPATH - an innovative light-emitting resin bound surfacing incorporating the latest photo luminescent technology to provide ambient lighting and wayfinding walkways after dark.

Addagrip Terraco - Leading the way with innovative Resin Bound surfacing solutions.

**Contact us for more information.
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Email: sales@addagrip.co.uk
www.addagrip.co.uk**



CHELSEA FLOWER SHOW - STUNNING TRADE STAND SURFACING

Long Rake Spar were delighted to support Addagrip at this year's RHS Chelsea Flower show by donating aggregates to two of the stands they were surfacing.

Addagrip's Resin Bound Terrabase Rustic product in their Rustic Oak blend was used on the award winning Chilstone Stand designed by Ali Dempster of Sandstone Design. The Wallgarden stand required Addagrip's Terrabase Rustic in their Beach Blend.

Chilstone, based near Tunbridge Wells in Kent, specialise in the creation of beautiful hand crafted architectural stone work and garden ornaments. The Chilstone stand incorporated Addagrip's Resin Bound surfacing, installed by True Grip Ltd for the floor space as a backdrop to Chilstone's stunning stone features.

Chilstone loved the Terrabase Rustic porous resin bound system that was supplied for last year's stand and Ali Dempster chose the same Rustic Oak blend recently installed for his project at The Spa Hotel, Tunbridge Wells (featured on the back wall of the stand) to provide a smooth, decorative, paving that welcomes visitors onto the stand.

Steve Clark, Managing Director at Chilstone commented "The pathway defined our stand and we received many compliments and enquiries about this excellent product. It was a pleasure working with Addagrip who are so professional and helpful".

Chilstone was delighted to be presented with a 4 Star Award for their stand this year.

Addagrip approved contractor E Williams Landscapes was delighted to be asked to help out with the resin bound surfacing requirement for the Wallgarden stand at this year's RHS Chelsea Flower Show.

Following their successful debut at the RHS Chelsea Flower Show in 2018, winning a 5 star award, Wallgarden, in collaboration with multi-award winning designer Sarah Eberle, returned for 2019 in a prime location on Main Avenue.

Their playhouses and interactive garden nurture creativity and childhood imagination – a key theme for the show this year, which heralds the benefits of families and communities getting back to nature and the positive impact it has on their wellbeing.



The garden for the RHS Chelsea Flower Show 2019 showcased two playhouses - 'The London Shop' and 'The Hampshire Cottage' which sits in bountiful gardens designed by Sarah Eberle.

Surfacing around The Hampshire Cottage needed to be sympathetic to the playhouse and kitchen garden environment. Terrabase Rustic resin bound paving in a Beach blend was chosen with hard wearing aggregates donated by Long Rake Spar.

Nadine Charlton from Wallgarden was delighted with the surface advising that it was perfect for pathways in their garden and commented that the Terrabase Rustic really appealed to keen gardeners who wanted the rustic look and finish of gravel without the mess that loose material brings, particularly around planting.

Wallgarden achieved a 5 Star Award for their stunning stand.

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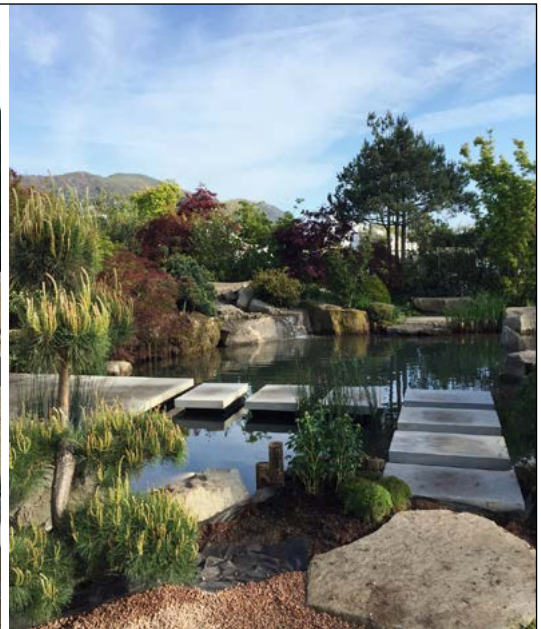
LTP's ECOPROTEC® range includes treatments for safe and effective maintenance of outdoor surfaces. Spanning heavy-duty cleaners and sealers, to removers and restoration treatments, the British-made range offers a safe solution for all surface types.



New treatments include ECOPROTEC® Residue Remover and ECOPROTEC® Blackstone.

The new Remover shifts grout and building residues, and salt marks caused by rising damp and spot fixing. It's designed to replace conventional acid and can safely be used on all types of tile and stone, except those with a polished finish. ECOPROTEC® Blackstone restores the appearance of faded dark pavers and provides protection against the elements.

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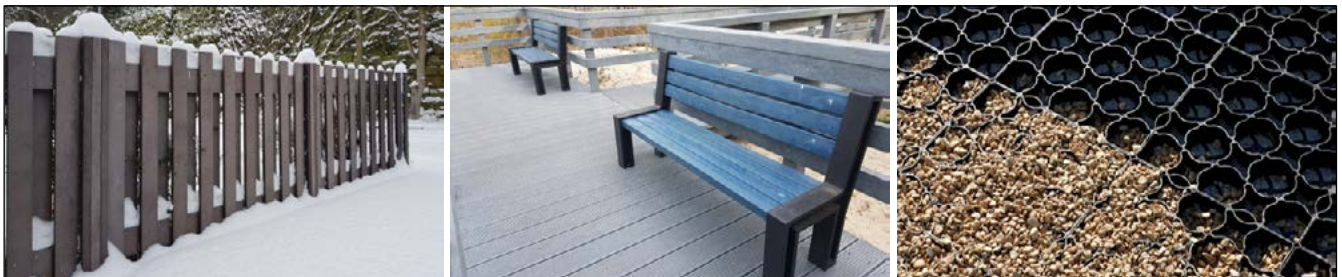
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During 25 years in operation, the HAHN group has been consistently increasing its' product range and now have over 2000 products – all made with 100% recycled plastic. This gives our customers complete confidence that a project can always meet completion on time.



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CELEBRATING 100% RECYCLABLE PLASTIC

HAHN Plastics was first set up in 1993 and last year celebrated their 25th Anniversary as one of the UK's leading providers of specialist plastic and recycling services. Our brand has a global footprint, with over 200,000m² of manufacturing & production facilities as well as sales arms in Manchester, Frankfurt, Canada, France and Italy.

We specialise in the development and manufacturing of 100% recycled plastic parts, profiles and systems. With over 2000 products, HAHN's components can be found in everything from landscaping to construction, civil engineering and agriculture, to name a few. In 2018, more than 44,000 t of plastic have been processed in our plants and therefore kept out of

the landfill. Approximately 5% of all recycled UK plastic bottle tops have gone and will go through our facilities. The industry acclaimed company are renowned for their versatility, capable of designing, developing and manufacturing products to suit a number of different applications across multiple sectors.

We offer the UK's largest range of timber, steel, concrete and other replacement products, including our UK made 'Ultra' product, which is not only the strongest range of products we offer- both BBA certificated for use in Eco-crib wall systems and with a 120 year design life guarantee - but also has an attractive wood grain finish akin to treated timber. The main difference is our plastic alternative

product has a 20-year warranty with a life expectancy of 40 years plus, whereas timber starts to rot as soon as it goes in the ground. With particular regards to timber, plastic does not absorb moisture and is guaranteed not to splinter either, and as such does not rot or require painting. Made from 100% recycled materials, HAHN can provide the perfect plastic alternatives for timber, which also stops waste from ending up in landfill and oceans.

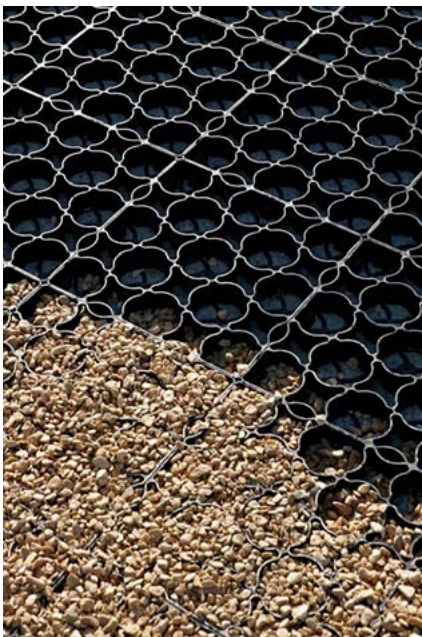
Plastic is increasingly being sought after as a favourable alternative to traditional materials, offering more durability, longevity, cost-effectiveness and of course the ability to be made from locally sourced recycled waste and be recycled after use, thereby contributing to sustainability.



The UK's timber, decking, agriculture, fencing and more professionals are now seeing plastic as a viable alternative material in light of its many benefits, which include it being tough and highly resistant to adverse conditions. Boardwalks and decking made out of recycled plastic will not splinter in any way unlike wood, and are also resistant to any sort of algae or fungi, meaning that the structure will stay in its desired shape for decades. HAHN Plastics products can be drilled, cut and worked like comparable wooden products, but do not rot or degrade in any way. This means that the comparably higher purchase price of plastic pays off relatively soon in comparison to timber since replacements or maintenance are not necessary.

We have an extensive network of longstanding distributors based throughout the UK, from the higher reaches of Scotland to the very south of Devon, who have been supplying the likes of local authorities, housing associations, construction and landscaping contractors for many years. As society's responsibility to recycle grows, so does adoption of recycled plastic products in different applications.

New products and solutions are being constantly developed year on year, and recently we introduced the Hanpave™ product to the North American market. Made from recycled polypropylene, Hanpave™ is a high-performance grid that can be filled with either earth or gravel and enables rainwater to pass through at a controlled rate. Perfect for car parks, Hanpave™ is both compliant with Sustainable Urban Drainage regulations and is easy to install, comes in both black and green, and comes with parking space delineators if desired.




If you would like to find out more about our products, company or solutions for your bespoke project, please contact us at 0161 850 1965, send us an email at info@hahnplastics.co.uk or visit our website www.hahnplastics.co.uk

We are looking forward to hearing from you!



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ROOF GARDEN

Street Design supplied the planters and seating for a mixed use roof garden project in Hackney, London, on behalf of Acer Landscapes.

Diplomat planters, **Linear** loungers and **Rochford** benches were specified in FSC® Certified iroko hardwood, with a natural finish.





BASINGSTOKE'S LONG-AWAITED PEACE GARDEN

Woodscape are proud to be a part of Basingstoke's War Memorial Park, with Clifton seats featuring prominently in the long-awaited Peace Garden, opened on 21st September 2018, the International Day of Peace, commemorating the centenary of the end of the First World War.

The grand opening was attended by the Mayor, Cllr Seán Keating, MP Maria Miller and the Bishop of Basingstoke, the Right Reverend Canon David Williams, along with many representatives from the local community, including the Peace Garden Advisory Group whose work made it all possible. The area is home to a number of Peace Plaques designed by local schoolchildren, along with a

sculpture of local surgery pioneer Sir Harold Gillies.

Woodscape supplied curved timber benches, with the Clifton Seating System providing a functional yet stylish framing for the main circular area, along with one of their popular hardwood cubes, custom etched to create a wonderful entrance marker for the garden.

As specialists in manufacturing street furniture using Naturally Very Durable Hardwood, a timber that lasts for decades, Woodscape were the ideal choice to assist the people of Basingstoke in creating a venue that will deliver to the community for many years to come.



If you would like to contact Woodscape about your seating requirements, from a simple concept through to design, manufacture and install, contact us on 01254 685 185, or email sales@woodscape.co.uk, and our experienced team will help you find the perfect solution.



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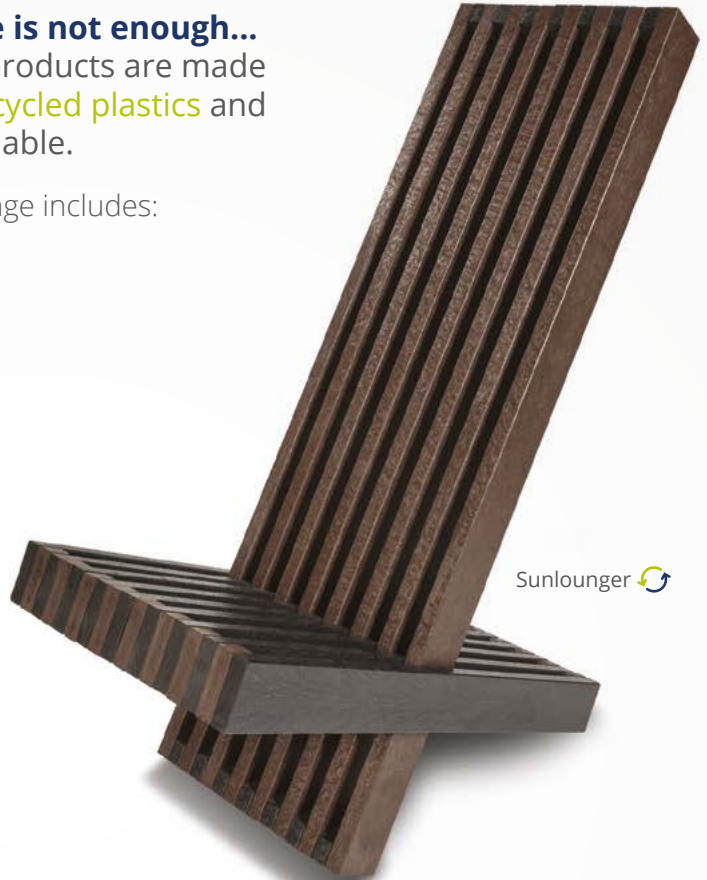
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NEW 'HERO' FURNITURE RANGE OFFERS STYLE, FUNCTION AND SUSTAINABILITY FOR ALL SEASONS

Plaswood has launched a range of picnic tables called 'Hero' that twin style with sustainability to help transform external spaces with elegant but durable statement furniture.



The lighter weight range of Plaswood tables is made from 100% recycled plastic and boasts a unique design that allows for easy assembly.

The new range taps into the trend for more outdoor entertainment and communal public spaces providing landscape professionals, local authority specifiers, garden centre and builder's merchant buyers, and others with a product that is made with the environment in mind.

The family of furniture includes: an adult and junior size picnic table, activity top tables, a round family size picnic table and a wheelchair access table.

Products made from Plaswood require no annual maintenance, or treatment prior to installation and do not rot or splinter with age. The Hero range offers a sustainable, cost-effective and innovative alternative to traditional wooden outdoor furniture.

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From concept through to completion, we are devoted to carrying out every project on time and within budget, always treating safety as an utmost priority.

Street furniture not only complements a landscape, it enhances it. And, it's part of our business we take exceptional pride in.

From benches, bins, planters and bollards through to ornate pergolas and bespoke monumental designs; we have designed, constructed and delivered street furniture for a whole host of organisations and applications, including most recently the American Embassy in London.

For further information, visit www.harlestonegroup.co.uk



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Langley Design are experienced providers of a wide range of street furniture products including Benches, Canopies, Cycle Shelters, Litter Bins, Pergolas, Picnic Tables and Seats, with Green Roof Cycle Shelters a speciality.

Our products are manufactured to order so we can adapt our standard range to accommodate your specific design needs.

We have a varied selection of materials to ensure we can match your budget constraints and our young team work with the Landscape Designer, providing drawings and technical advice to ensure the product fits in with the schemes requirement. Please give our team a call to discuss your project.

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CIS Resin Bound and Slot Drain Tree Surrounds

Trees are an important part of our natural life support system; they have a vital role to play in the sustainability of our towns and cities and we need to take better care of them, both now and in the future, yet we see them starved of natural food and water and damaged at their roots by earthworks, particularly in developed areas of towns and car parks. As a result of the built environment, soil compaction can inhibit or prevent natural root growth.

CIS Resin Bound and Slot Drain Tree Surrounds are a great way of enhancing the sustainability of your project for future generations. Grilles can be supplied factory filled with Resin bonded gravel or supplied unfilled for site application of gravel. Trees will be not only protected but these tree grilles will also allow water as well as nutrients to pass through to the root system, greatly enhancing the health of the tree. Read more at our website below.



CIS Street Furniture Ltd.

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www.cis-streetfurniture.co.uk/products/tree-protection/porous-resin-tree-grilles/



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THE STREETS WHERE WE LIVE

WRITTEN BY JOHN PAGAN

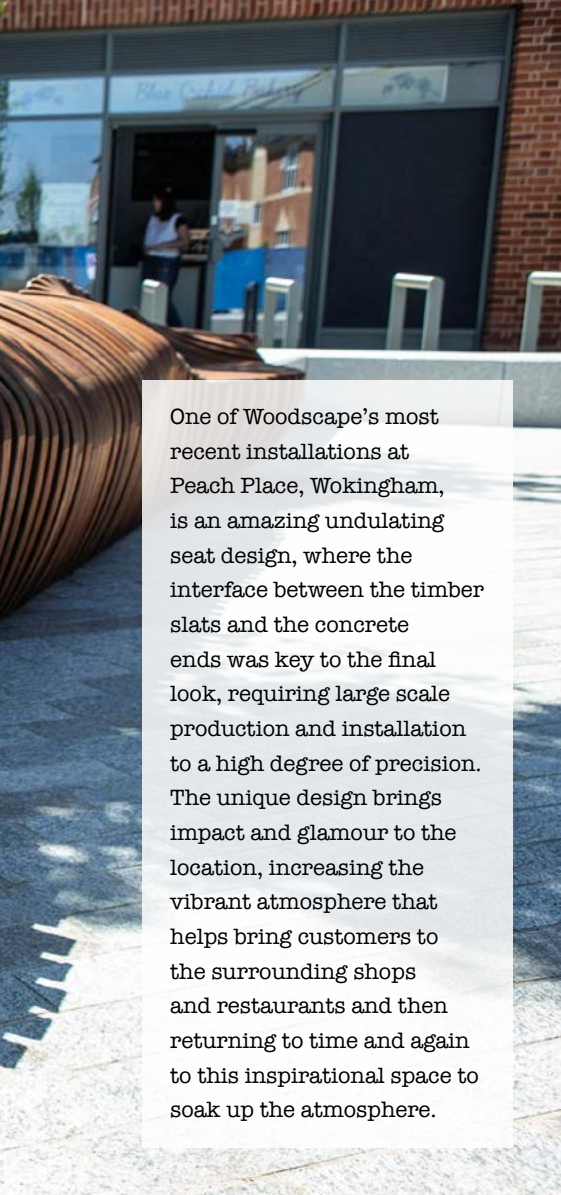
The town and city streets of the UK are blessed with street furniture of many types, be it timber, steel or concrete, functional or decorative, designed for relaxation or social interaction, something has been created to solve almost any need.

Thanks to the continuing hard work of architects, designers and specifiers across the country in pushing for pieces that fully utilise and enhance our public spaces, it's now widely accepted that street furniture plays a vital role in creating attractive destinations that are safe and practical for both visitors and residents. Utilising these spaces in a way that encourages social interaction and brings a community together is of growing importance to councils and developers.

Street furniture installations can be more than merely practical or ornamental, instead being part of a larger picture, a tapestry forming part of a town or city's identity. Creating spaces that visitors can be proud of, with people-oriented layouts, stylish design and quality materials, instils in everyone a sense of pride and ownership of their local spaces, positively affecting their perception of the town or city for many years. In a world where destinations are now brands, where tourism is key to the continuation of many high streets, developing that sense of self, of an identity worth sharing widely, can bring untold benefits.

The urban environment can be demanding on street furniture, but durable hardwood timbers combined with steel & concrete have the longevity and strength needed with the flexibility that still allows for the wildest imaginations!

Modern production techniques combined with age-old craftsmanship means the range of furniture available for these spaces is broader than ever. Woodscape are proud to specialise in bespoke hardwood timber solutions, stretching the limits of the material to the maximum to allow designers visions to come to life. Beyond this, the designer can utilise hand-finishing and attention to fine custom detail, being re-assured that the furniture is cared for throughout its production, so that the public are delivered an accurate reflection of the original vision.



One of Woodscape's most recent installations at Peach Place, Wokingham, is an amazing undulating seat design, where the interface between the timber slats and the concrete ends was key to the final look, requiring large scale production and installation to a high degree of precision. The unique design brings impact and glamour to the location, increasing the vibrant atmosphere that helps bring customers to the surrounding shops and restaurants and then returning to time and again to this inspirational space to soak up the atmosphere.



Chester town centre features some timber bollards, where the need for traffic calming is combined with the vision of artist Katayoun Dowlatshahi, the work of Art Fabrications, and some detailed CNC work to incredible effect for the creation of real works of art.

Practicality rules the day at St James Market, London, where the need to utilise the area had to be balanced with the demands of a popular meeting place for food lovers, being home to various festivals and gatherings during the year. This required working with Hyland Edgar Driver over several months to create a sectional planter & seating solution that aligned with the surrounding aesthetic could handle the existing paving that sloped in many directions and be easily relocated when the spaces need to be emptied for gatherings. The visual impact of the finished furniture is remarkable, enhancing an already beautiful area.



The Trefoil seat in Southampton reflects and enhances the local architecture, particularly the stone carvings in the nearby Church, and has been used and admired for many years by the local community. The engraved stainless steel combines with the hardwood for a wonderful mix of textures that also reflects the strength of the underlying structure.



Sometimes the sheer scale of street furniture can surprise you! The Rossall Walkway is a stunning elliptical viewing platform, designed to allow access to the local promenade while respecting an area of biological importance and interest, aiding visitors and residents in appreciating the full beauty and rare flora and fauna.

Birmingham New Street station is already a wonderful location, but the addition of custom designed triangular Strata seats throughout the area added an extra something that moves far past delivering mere practical, usable seating.



The above are just a few examples of using street furniture to design the nation, creating a form of public art gallery of the highest standard that can be enjoyed by everyone, but there are thousands of all sizes just waiting to be discovered.

The best street furniture is adapted to the needs of all who experience it, is beautiful and enhances the lives of everyone in a community, so watch the streets around where you live for developments that are happening now and improving your local area, then be sure to enjoy everything they have to offer.

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IMPROVING SCHOOL EXPERIENCE WITH THE WINTERBOURNE FREESTANDING SHELTER

Victoria Education Centre is a non-maintained, Ofsted-Outstanding special school in Poole, Dorset that offers specialised high-quality education, therapy and care for young people aged 3-19 from around the UK. Students who attend Victoria Education Centre have physical disabilities or complex medical/neurological conditions and many have additional needs including communication difficulties, learning difficulties and sensory impairments.

The school, comprised of several buildings connected by open walkways, was facing issues due to changeable UK weather conditions, when transporting students from their main school building to Victorian-built Carmel House where the post-16 education takes place.

Launching a successful “*Canopy Appeal*”, the charity-based school raised enough funds to install an 80m covered walkway between both buildings, ensuring an integrated feel across the site and more importantly

improving the experience of students, staff and visitors when traversing between buildings, which was particularly difficult in treacherous weather conditions.

The chosen supplier was NBB Outdoor Shelters, an established and trusted manufacturer of outdoor shelters, furniture and facilities management products, who after conducting a full site survey suggested their Winterbourne Freestanding Shelter as the most appropriate option.



The Winterbourne freestanding shelter is made of hot dip galvanised steel and finished with polyester epoxy powder coating making it extremely hard-wearing, maintenance free for 15 years and if maintained, guaranteed for up to 25 years. It comes with a 16mm twin wall polycarbonate roofing ensuring protection from the toughest weather conditions and optional side panels.

The school was presented with a full CAD design drawing and images of previous installations before the manufacturing process began, making sure both parties were confident the shelter would meet both functional and aesthetic needs of the school. A range of colour options for the shelter were offered and the school opted for Green RAL6026 to fit in with their existing areas.

Manufacturing began in spring 2018 at the NBB base in Poole, Dorset and the shelter was installed during the school's summer holiday to minimise any disruption to the students and staff.



Sharon Jenkins, Business Manager of NBB comments:

"We are extremely proud to have provided this fantastic educational facility with a shelter that truly benefits its amazing staff and pupils. The relationship we have built with the school is one that continues to grow, and I am pleased that we can support them with our innovative product range that enhances the appeal of the school and the educational experience for the children."

NBB Outdoor Shelters have also provided Victoria Education Centre with planters and raised beds for their sensory gardens made from 100% recycled high-density polyethylene. A material that is not only eco-friendly but extremely safe and hygienic for the children as it will never rot, crack or splinter and is impermeable. Plans for further covered walkways are too in place.

Full information on NBB Outdoor Shelters can be found on its comprehensive website at www.nobutts.co.uk



HEADLAND PROGRAMME REAPS REWARDS, AND AWARDS, FOR HAMWORTHY SPORTS CLUB

The significant improvement in the condition of the multi-sport facilities at Dorset's Hamworthy Sports Club has largely been put down to a nutritional regime suggested by Headland Amenity. Such is the progression in uniformity and quality achieved across the football, cricket and golf surfaces that Head Groundsman Gavin Fisher has been awarded Dorset FA Groundsman of the Year and Dorset Cricket Groundsman of the Year - for the second season in a row!

Gavin has been at the club for six and a half years and is solely in charge of the turf maintenance - a busy site that's home to Hamworthy Cricket Club and Hamworthy Recreation FC.

"When I joined the club, the feeding programme I inherited clearly wasn't working" he explains.

"The golf greens in particular were suffering from disease, patchy coverage and just a general lack of growth. While I had no previous experience of Headland or their

products, their Sportsturf specialist Alex Hawkes stopped by and we got on straight away. He took some soil samples and spent time going through the product range to formulate a programme that would be effective site-wide."

For Gavin, one of the biggest challenges has been to create a programme to improve surfaces, while sticking to a very tight budget. *"Alex fully understood that we needed versatility from the products, that could perform not only on different playing surfaces, but adapt to weather conditions and other environmental pressures."*

Key to the programme has been Headland's '20/20/30' Enhanced Plant Health strategy.

"We apply this tank-mix across both the golf and cricket surfaces every month. It is used in conjunction with various analysis' of Xtend® slow-release fertiliser which we can tweak as the seasons change and TriCure AD™ Granular

on our golf greens, to deliver more uniform water distribution, which has helped us cope without an automatic irrigation system."

"We also use Xtend® on the football pitch, together with Multigreen® temperature-controlled release fertiliser, which we apply once early in the season and then again in the autumn. The beauty with the programme we have is, though it has largely remained the same in the last few years, we have the flexibility with Alex's knowledge to make adjustments here or there if we think we can achieve even better results. We are now reaping the rewards of our investment, having made real strides with the health, appearance and playability of our sports surfaces."

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GKB RENOVATOR

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Encountering problems with a compacted synthetic or hybrid turf pitch? Is the compacted infill layer responsible for reduced water permeability?

GKB Machines, the company behind sustainable, reliable and robust maintenance machinery for natural, synthetic and hybrid turf are able to provide you with the solution thanks to the GKB Renovator.

Adaptable for scarifying hybrid and natural turf pitches, the GKB Renovator's interlocking five brushes that form the foundation of the machine can easily be removed and replaced with a set of rotating spring tines.

Available in 1.6 and 2m working widths, the circular oscillating movement of the spring tines removes unwanted material from around the plastic fibres and in turn improves the quality and effectiveness of the pitch.

Not only a method for in-season hybrid maintenance, the GKB Renovator can also be used subsequently with the GKB Combinator as an important part of the renovation method. Using the GKB Renovator and GKB Combinator together is an ideal combination for stitched and non-stitched hybrid pitches. Through vigorous testing in The Netherlands, UK and Belgium, this method has been developed over the past 2 years.

In addition, you are able to adjust the operating depth of the GKB Renovator by turning two adjustable legs, in or out, and



the rubber wheels ensure the GKB Renovator will softly roll across the synthetic turf pitch. The machine is driven by a power-take off shaft (PTO) and the entire powering system is executed in a robust manner.

For more on GKB Machines and their reliable and robust range of machinery for natural, hybrid and synthetic turf, please visit www.gkbmachines.com or contact Tom Shinkins on 07495 883617 to enquire about the GKB Infiller ready for next season.

ACOUSTIC ARTS AT RHS WISLEY

Acoustic Arts make outdoor musical instruments and sound sculptures for temporary and permanent location in parks, playgrounds and sensory gardens. The team recently created an interactive Musical Maze for the RHS Wisley Family Gardening Festival over the May half term. The installation was extremely popular with visitors and has inspired the company to expand their range of permanent designs.



Acoustic Arts' robust Arch Frame instruments are hand built using naturally durable English timbers and marine grade components. The organic, sculptural forms look stunning in natural, woodland settings and their accessible design appeals to all ages and abilities.

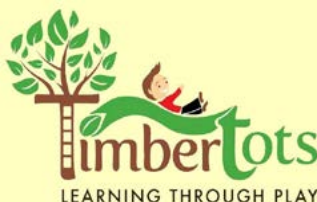
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The Wicksteed calisthenics multi-station gym allows the experienced user to perform rhythmic body weight exercises consisting of a variety of movements. The exercises can benefit both muscular and cardiovascular fitness, in addition to improving psychomotor skills such as balance, agility and coordination.

"IT HAS BEEN THE TOOL WE NEEDED TO HELP OUR COMMUNITY!"

"It (The Wicksteed Calisthenics Zone) has been amazing. It has allowed us to be able to promote these free sessions on Saturday. In an area where there was not much to do for young people, alternatives being unhealthy or getting in trouble with local enforcement. To summarise, it has been the tool we needed to help our community. Breaking stereotypes, promoting health and wellness, and giving our community relatable positive influences"

Edris Kizito, Kinetic Control Calisthenics



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SPORT COURT UK

Coined as one of this year's "Ones to watch" by Grand Designs Live 2019 Show, Sport Court UK specialises in the design, build and installation of customised residential and commercial sport courts.

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Sport Court's surfaces offer unparalleled safety, combining best-in-class impact attenuation, lateral forgiveness and the lowest skin abrasion of any outdoor court surface.

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for longer, while reducing the risk of injury.

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Striking colours and engaging court designs encourage participation. Our experienced design team works with clients to develop perfect schemes for homes and commercial facilities, incorporating custom logos, colours, containment fencing and court lighting.

B. Build

Sport Court UK's nationwide construction team install precision concrete court sub-bases. Contractors able to match our precision slabs

can access technical drawings and concrete specifications from our design team to ensure sub-bases match our exacting standards.

C. Installation

Custom court surfaces our prepared in our state of the art facility, ahead of final installation. Each court can be completed in as little as 2 weeks from purchase order.

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Book your court survey appointment today by visiting www.sportcourt.uk or by emailing info@sportcourt.uk.

E. How to work with us:

We deliver projects in partnership with Garden Designers, Landscape Gardeners, Contractors and Architects throughout the UK. Contact info@sportcourt.uk to learn more about working with us.



HEADLAND PROGRAMME SUCCESSFULLY TACKLES HIGH-WEAR PROBLEMS AT LEICESTER TIGERS RC

The facilities at Leicester Tigers Rugby Club play host to a packed schedule of training and matches, with the Oval Park training ground alone hosting over 200 games last year. The high usage keeps Head Groundsman Ed Mowe and his maintenance team of three on their toes. Yet, despite this, the pitches are appearing to stay stronger for longer which Ed attributes to Headland Amenity's input into the club's nutritional programme.

When Ed took over as Head Groundsman in December 2016, he took a fresh look at the nutritional regime, with the aim of resolving a few key problems as well as improving overall plant health at both the Welford Road stadium pitch and the club's training ground. "Along with two soil-based pitches, we have one Desso surface at Oval Park, which was struggling to cope with the rigorous demands of winter training. Alex Hawkes, Headland's Sports Turf Specialist, came in and conducted some tests and following this we structured an overarching feeding programme, along with looking at

some specific products to target the problems we faced."

To strengthen the plant and root development on the desso pitch, Alex recommended the Headland '20/20/30' tank-mix. This strategy combines **Liquid Turf Hardener**, **Turfite®** and **Seamac® ProTurf Fe** plant elicitors and protectants to maximise health and restrict the onset of disease. "This proactive approach has not only reduced our requirement for reactive fungicide applications, but together with aeration, has given us a noticeable improvement in wear tolerance and coverage. Where previously training would begin in November and the pitch would be virtually destroyed by January, we can now train from August right through to the end of the season" Ed explains.

"We've been using **C-Complex®** during renovations, which helps with microbial activity and root development and **Terafirm™** soil penetrant which has improved the moisture draw-down on the soil-based surfaces. We've also achieved

great all-round plant health with Headland's **Seamac® Ultra Plus**. For a particularly waterlogged patch we had behind the dead-ball area on the stadium pitch, Alex suggested we try **Xpedite®** which dramatically improved water infiltration." Following the success here, Ed additionally applied **Xpedite®** on some of the line-out and scrummaging areas at the training ground to good effect.

Final word from Ed, "While I hadn't used Headland products previously, they have proved to be reliable and effective on their own or when used in combination with other products from the range. Alex has been a great help in formulating this programme and we will continue to work with him, fine-tuning the regime, to achieve the quality surfaces we're looking for."

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