

Composites

Composite Solutions

For Commercial & Recreational Projects



High-performance composite products for leisure, commercial and recreational facilities, including anti-slip flooring, fire-rated decking and cladding

Unlocking the Power of Composites™ >>

dura™
composites

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About Us

Discover the d² product range from Dura Composites - the next generation of performance-improving composites. Available exclusively from Dura Composites, d² products feature unique designs, new material technology or manufacturing methods AND deliver class-leading performance.

We help companies of all sizes unlock the power of composites, and our client base includes businesses in the Marine, Leisure, Industrial, Construction, Rail, Transport and Landscaping sectors.

In 2017 and in 2020, Dura Composites was awarded the Queen's Award for Enterprise in recognition of our achievements at the forefront of composite material technology. Dura Composites' products are also available through a well-established global distribution network. Your local distributor can be found on our website.

d²

Why Choose Composites?

With over 25 years' experience as designers, manufacturers and suppliers of industry-leading products, we've had time to develop ranges for the commercial leisure market that provide a cost-effective, attractive, and future-proof solution. We've successfully supplied a range of recreational projects including piers, promenades, park walkways, raised platforms, holiday parks, lodges, caravans and even fishing pegs!

Commitment to Sustainability

We care about the legacy we leave. That's why we provide market leading products that enable our customers to make sustainable choices, without compromising on performance or quality.

Simply put, our products last longer than many traditional materials, and can be re-used and recycled. We even have a dedicated Dura Upcycling company which advocates for the re-use and re-purposing of our waste and leftover materials wherever possible, in recognition of their inherent durability.

Our ISO 14001 certification controls our impact on the environment as well as reducing resource use and improving our overall efficiency.

We've published the embodied carbon values for our moulded and pultruded Glass Reinforced Polymer range to help during the planning, materials selection, design, construction and long-term management of your infrastructure.

We also employ software tools such as nesting optimisation to ensure the best yield from each and every project component, to both maximise material usage and reduce your on-site waste.





Dura Deck® Inspire

The Dura Deck Inspire collection consists of unique 1.8m long A1 fire-rated porcelain deck planks ideally suited to applications where the building height exceeds 11m. It is compliant with recent changes in legislation for medium rise and high rise buildings and has a long design life that's perfect for a wide range of applications such as balcony decking. The planks are UV colour stable, do not scratch, warp or rot, and weigh just 14kgs each, meaning they are easy to manoeuvre around your site safely.



The new product can be easily fitted to concrete balconies using Dura's proven aluminium sub-frame system, but as a market first, we have also developed a patent-pending plank retainer system for installing Dura Deck® Inspire on open steel framed balconies. When mechanically fixed, the retainer enables a floating decking system to be installed under self-weight, without the risk of planks falling should a breakage happen. The Dura Deck Inspire Plank Retainer also helps prevent wind uplift and facilitates the quick removal of the decking for maintenance or similar.

At 1.8m long and a width of 200mm, the products are the only porcelain products available that achieve a timber 'plank' appearance rather than the 'slab' effect normally associated with porcelain – a feat of engineering and in keeping with the innovation that this product brings to the market.



Product	Thickness (mm)	Length (mm)	Width (mm)	Visible Face Width When Installed (mm)	Max Span (mm)	Weight per Length (kg)
Dura Deck® Inspire						
Inspire Boards	20	1800	200	200	600	14
Plank Retainer			0.9			3.2
3mm Cross Spacer	22.8	N/A	50			
Fascia Top Clip	29.8	160	50			
Fascia Bottom Clip	50	173	50	N/A	N/A	N/A
Fascia Cover Strip	24.1	1200	17			
Wall Clip	38	45.5	19			

Our Products

Our innovative range of walkway flooring, structural profiles, handrailing, access structures, decking and cladding solutions bring significant benefits to the leisure and tourism industry.

With weight-reducing designs, they streamline operations by reducing on-site logistics requirements. The efficient design also minimises the carbon impact during transport and installation, helping support your sustainability goals.

Additionally, our products provide future-proof fire resistance, ensuring safety for commercial and recreational facilities and instilling confidence in operators and visitors alike. Our walkway solutions feature anti-slip gritted surfaces and anti-corrosion properties, enhancing safety and accessibility for customers.





Dura Deck® Flip

Our Dura Deck® Flip board takes two popular colours and combines them into one single decking board profile with one colour on one side and another on the other. There are three different colour combinations to choose from.

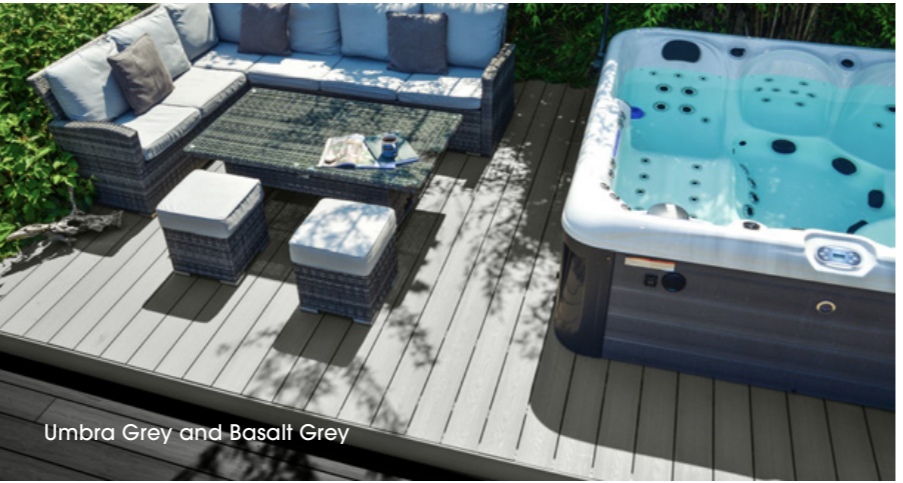
This innovative product allows the customer to use a single colour which can then be flipped later for a whole new look, or lets you create attractive deck designs featuring both complementary colours (such as framed decks).



This deck is produced via a co-extrusion process where a 360° outer armour is used to protect the core of the deck from the elements. As a result, Dura Deck® Flip is fire resistant to Class C*, colour fade resistant, strength load resistant, stain resistant, FSC™ certified and also highly slip resistant.

Available in lengths of 3.66m, Dura Deck® Flip is easy to install and has a fantastic 15 year warranty. The innovative subsurface fixing system means no nails or screws need to go through the deck itself, creating a smart, uniform and barefoot friendly deck.

*A Class B Pebble Grey/Weathered Cedar version is also available on request.



Product	Board Type	Board Thickness (mm)	Board Length (mm)	Board Width (mm)	Max Span (mm)	Weight Lin/m (kg)	Weight per Length (kg)	Boards per Pallet (pcs)
Dura Deck® Flip								
Dura Deck® Flip	Hollow	25	3660	150	400	3.10	11.35	168
	Solid					4.94	18.05	100
Fascia	Solid	10		180	Infill Only	2.19	8.56	100

Dura Deck® Eco

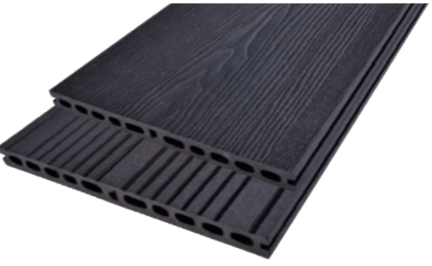
Our Dura Deck® Eco 146 has a traditional appearance that closely resembles natural wood. It features grooves on one side and a woodgrain finish on the reverse.

Available in Teak, Stone and Charcoal colours, it contains up to 87% recycled content, FSC™ certified and comes with a reassuring 10-year warranty. Its composite timber formulation never needs painting and has one of the lowest water absorption rates in the industry, which minimises the risk of over-expansion.

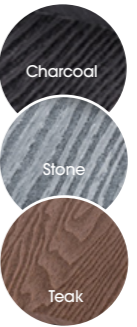
Dura Deck Eco 146



Dura Deck Eco 295



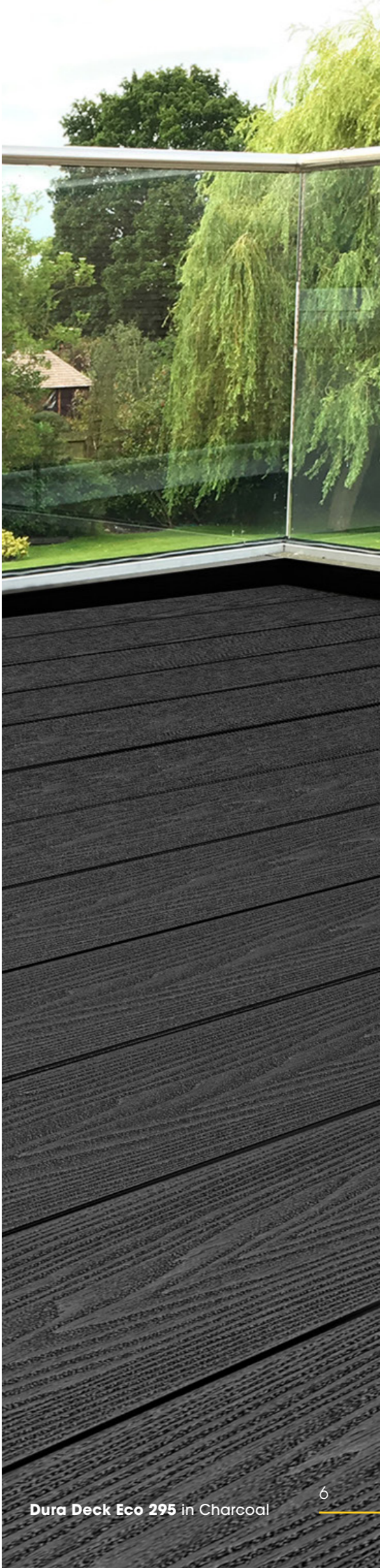
Dura Deck Eco is also available in a 295mm version which is twice the width of the standard board. Dura Deck® Eco 295 allows for wider spans of up to 550mm for both residential and commercial applications.



Dura Deck Eco 295 features the same woodgrain surface design as the Eco 146 allowing both models to be used within the same projects for maximum flexibility. The double width board can allow installs to be completed in half the time, saving labour and cost.

The innovative subsurface fixing system means no nails or screws need to go through the deck itself, creating a smart, uniform and barefoot friendly deck.

Product	Board Type	Board Thickness (mm)	Board Length (mm)	Board Width (mm)	Max Span (mm)	Weight Lin/m (kg)	Weight per Length (kg)	Boards per Pallet (pcs)
Dura Deck® Eco								
Dura Deck® Eco 146	Hollow	25	3660	146	400	3.05	11.16	132
	Solid					4.81	17.60	90
Dura Deck® Eco 295	Hollow	23	3660	295	550	6.56	24.01	66
	Solid					8.97	32.83	42
Fascia	Solid	9		230	Infill Only	2.88	10.54	100

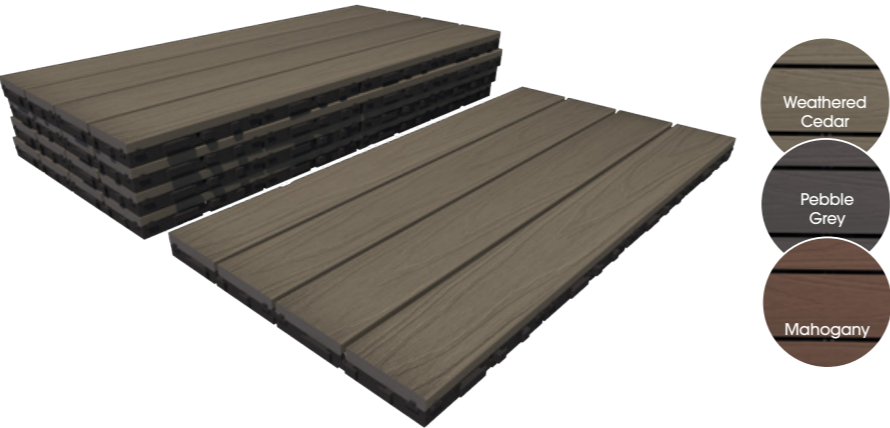




Dura Deck® Tile

Transform your outdoor space into a beautiful, ready-to-use decked area without the need for a professional landscaper. These FSC™ certified, easy-to-lay interlocking premium composite decking tiles require no specialist tools or skills.

Available in three great colours: Pebble Grey, Weathered Cedar and Mahogany, the tiles can be used to cover unsightly areas to refresh the look of your garden - or to create a brand-new decking area from scratch in a matter of minutes.



Dura Deck® Tile’s patented design (Patent Number: GB 2586203) is superior to any other deck tiles on the market. The tiles can be added on top of any existing firm & flat surface for an instant transformation - with no need to wait before adding your furniture, plants or accessories onto your deck – so you can enjoy it straight away.

For more information refer to the Dura Deck Tile Brochure.



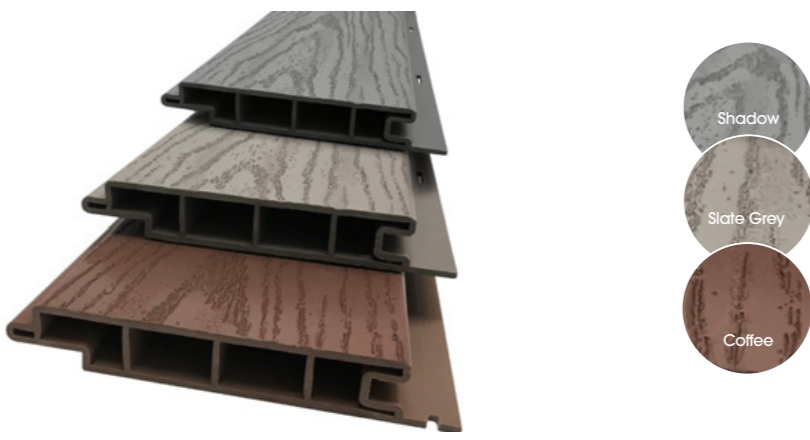
Product	Board Length (mm)	Board Width (mm)	Board Depth (mm)	Weight per Tile (kg)	Weight per Pack (kg)	Pack Coverage (m²)	Quantity In Box
Dura Deck® Tile							
Dura Deck® Tile	605	305	25	2.76	14.61	0.93	5
Straight Edge Ramps	297	74		0.36	4.84		12
Corner Ramps	367			0.43	1.83		4 (2 left and 2 right)

Pebble Grey

Park Deck Type 140

Our versatile Dura Park Deck range has a 10-year warranty and an expected 25-year service life, offering you an excellent long-term investment. The boards come in two sizes, 2440mm long x 140mm wide x 26mm thick and 3660mm long x 140mm wide x 26mm thick.

Dura Park Deck is available in three great colours: Shadow, Slate Grey and Coffee, to suit a broad range of leisure environments.



Dura Park Deck is an attractive, affordable, low maintenance option which gives you peace of mind and allows you to meet your responsibilities towards the public if you’re installing within the commercial sector.

The decking is easy to install with standard tools and requires no specialist expertise. Fixings are hidden beneath the deck surface, leaving a tidy screw-free finish which is safe to walk on even in bare feet.



Product	Thickness (mm)	Length (mm)	Width (mm)	Maximum Fixing Span (mm)	Weight Lin/m (kg)
Dura Park Deck					
Type 140 Park Deck	26	2440	140	400	2.02
Type 140 Edge Trim	30.7	3660	47		
Type 140 Start Trim	24.5		25.4		

Slate Grey

Dura Deck® Aluminium

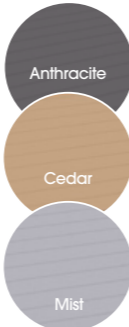
Due to its lightweight design and ease of installation, Dura Deck Aluminium is perfect for hi-rise terraces and balcony applications. Its outstanding class A2fl-s1 fire rating and compliance with EU and UK government recommendations means it's great for buildings over 11 metres in height.

Available in 3 beautiful matt-finish colours, Anthracite, Cedar and Mist, each aluminium board has a double skin with an extensively tested anti-slip surface and uniform underside to provide an attractive in-built soffit detail. With a minimum 60 year life expectancy and low maintenance requirements, Dura Deck Aluminium is also a perfect solution for public spaces.

For more information, refer to the Dura Decking & Cladding Product Guide.



Matt-Finish Surface Texture of **Free-Drain 18mm** in Mist

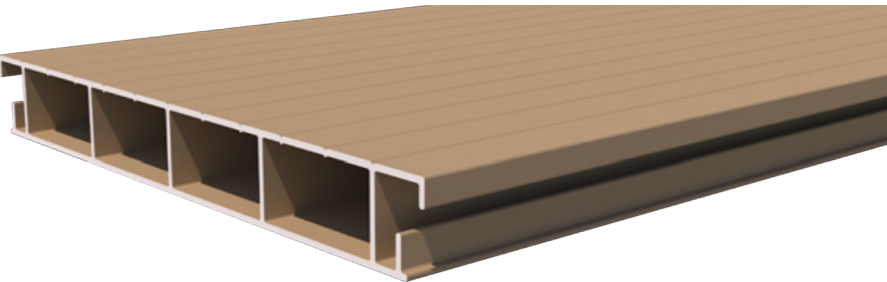


18mm Free-Drain

This free draining decking solution allows water to drain through the gaps between the planks onto the area below. Dura Deck Aluminium Free-Drain 18mm is ideal for replacing degraded or non-compliant timber on balconies, low level terraces and walkways or new build balconies less than 6m² that do not require water management (Patent No. GB 2584725).

Spanning up to 850mm between centres based on a 2kN point load, the decking boards feature a unique design which is particularly suited for use with 'slide-on' cassette balconies, minimising the need for on-site finishing.

The lightweight nature of the boards make them ideal for projects where access restrictions make remedial work tricky using traditional materials. The V-Groove surface is cool in hot weather and has low slip potential in all directions.

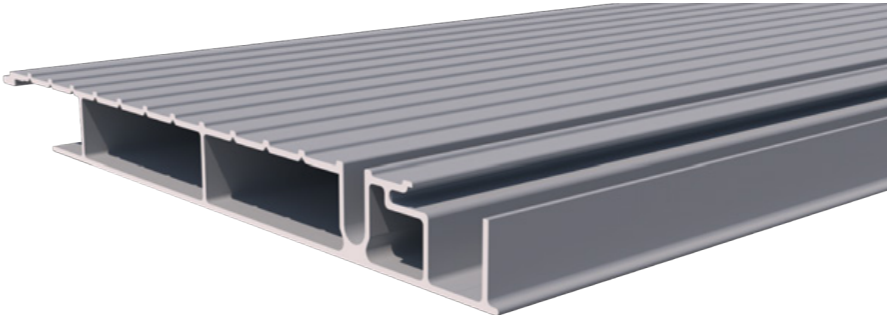


Product	Thickness (mm)	Length (mm)	Width (mm)	Visible Face Width When Installed (mm)	Max Span (mm)	Weight per Length (kg)
Dura Deck® Aluminium 18mm Free-Drain						
18mm Free-Drain	18	3660	150	150	850	1.26
Start Stop Trim	9.1		21.3	15		0.12
Main Trim		50	27.6	6-10		0.18
						0.18
Cut Down Trim	19.2	3660	22	15		0.13
End Closure Trim	19		45	10		0.22

18mm Positive-Drain

Dura Deck Aluminium Positive-Drain 18mm deck boards meet the requirement for positive drainage, especially on stacked balconies of over 6m².

Water is guided to a gutter through the clever patented design (Patent No. GB 2584725). Spanning up to 1050mm between centres on a 2kN point load, the decking boards feature innovative shadow gaps and a reeded surface for that traditional deck look.



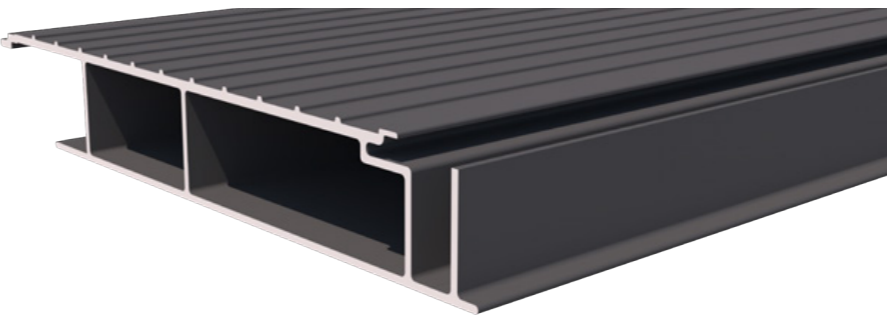
Product	Thickness (mm)	Length (mm)	Width (mm)	Visible Face Width When Installed (mm)	Max Span (mm)	Weight per Length (kg)
Dura Deck® Aluminium 18mm Positive-Drain						
18mm Positive-Drain	18	5800	183	150	1100	1.51
Starter Trim			41	20		0.46
Finishing Trim			28	37		0.24
End Closure Trim	19		45	10		0.22

27mm Positive-Drain

Perfect for balcony projects with in-built drainage trays where non-compliant timber is being replaced and large spans are required. Other suitable applications include commercial walkways and pedestrian bridges. Spanning up to 1400mm between centres on a 2kN point load, the decking boards feature a 27mm profile which means fewer structural supports are required for the balcony or terrace build-up, saving time and money.

The innovative tongue and groove interlocking design features a hidden fixing channel which hides the fixing screws and makes installation quick and easy.

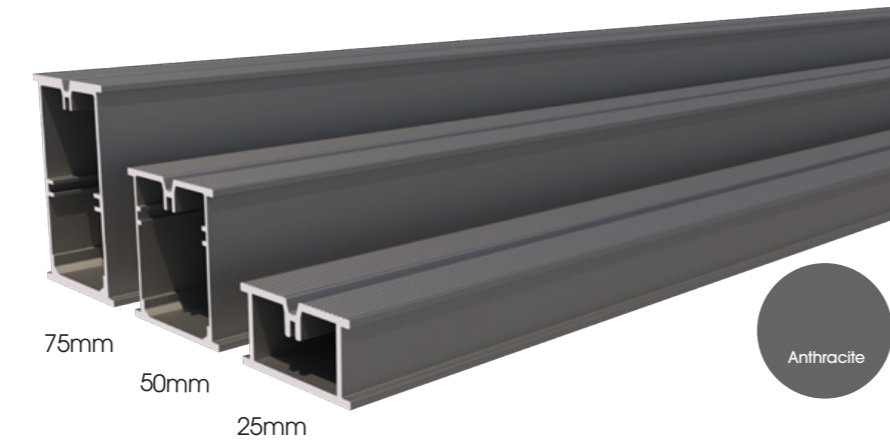
Dura Deck Aluminium Positive-Drain 27mm deck boards meet the requirement for positive drainage as water is guided to a gutter through the clever patented design (Patent No. GB 2584725).



Product	Thickness (mm)	Length (mm)	Width (mm)	Visible Face Width When Installed (mm)	Max Span (mm)	Weight per Length (kg)
Dura Deck® Aluminium 27mm Positive-Drain						
27mm Positive-Drain	27	3660	178	150	1400	2
Starter Trim			61.2	41		0.84
Finishing Trim			53	38		0.47
End Closure Trim			45	10		0.27

Dura Bearers

Aluminium Dura Bearers offer a simple and long-life decking substructure solution for gardens, balconies and large commercial projects. Unlike timber subframes, which can twist, rot or warp over time, Dura Bearers are made from 6063 grade aluminium (T6) and have a greater strength-to-size ratio than traditional materials.



Available in three sizes (25mm, 50mm and 75mm), Dura Bearers can be installed directly onto hard surfaces, such as concrete or paving, as well as onto soft surfaces such as soil, sand or grass, (provided the area has been compacted and bricks, pavers or concrete slabs are placed beneath the bearers at suitable intervals).

When combined with our Dura Pedestal range as a complete A2 fire rated system, they can be used on sloping or uneven ground with gradients of up to 10° Degrees - which is equivalent to an amazing 1:6 fall!

Product	Height (mm)	Width (mm)	Length (mm)	Weight per Length (kg)
Dura Bearer				
Dura Bearer	25	48	3660	3.4
	50			3.5
	75			6.1

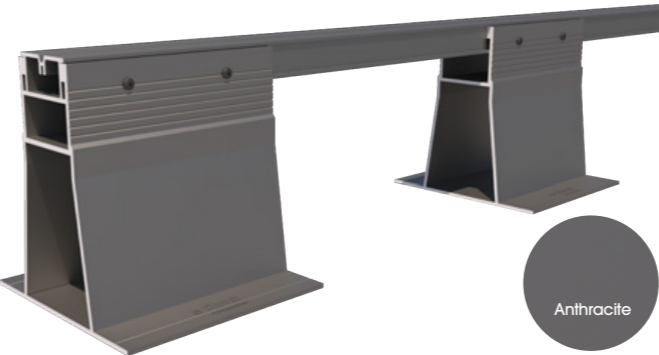
For information on spans, please refer to the Aluminium Decking Substrate Technical Manual.

Dura Bearers can also be used as A2 fire rated cladding battens to increase the fire safety of your cladding project.



Dura Pedestals

Aluminium Dura Pedestals have an A2 fire-rating and a unique patent pending design which helps overcome even the most complex of installation challenges. Available in 8 different variants, the Anthracite coloured pedestals are designed to work seamlessly with our aluminium Dura Bearers to provide the most economical A2 rated support system on the market.

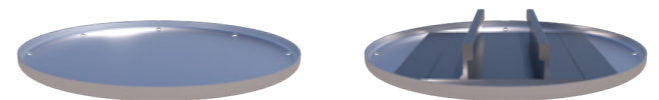


Unlike plastic pedestals, the Dura Pedestals have a single unit construction, with no fiddly separate components (such as bearer holders, slope correctors or spacers) to unpack and assemble. The tripod design features enhanced stability to mitigate the risk of rolling and can be butted up to the wall or edge without the need for cuts.

If your project requires a fall, or if your substructure is not level, each pedestal includes handy visual notches at 5mm intervals so you can easily secure your bearers at your desired height.

Aluminium Pedestal Base Plates

This Aluminium Base Plate can be used in conjunction with our Dura Pedestals for added protection when using waterproofing membrane or roof felt.



Lightweight and easy to install, it features drainage holes to prevent water stagnation and can be easily removed and re-used as required.

For more information on the Dura Aluminium System, refer to the Aluminium Decking Substrate Technical Manual.

Product	Height (mm)	Length (mm)	Weight (kg)
Dura Pedestal			
Dura Pedestal	25.5	150	0.27
	36.5		0.28
	50.5		0.33
	85.5		0.5
	117.5		0.58
	152.5		0.66
	187.5		0.75
	222.5		0.83
Dura Pedestal Base Plate			
Base Plate	10	230	122



Dura Balustrading

Our new Dura Park Deck PVC balustrading is the perfect complement to our Dura Park Deck PVC decking. Available in warm-to-touch high quality plastic, our PVC balustrading is easily assembled and provides a great frame for your decking area.

This modular safety stair handrail and barrier system is designed to be installed alongside our Dura Park Deck PVC decking in Shadow, Coffee or Slate Grey to enhance the outdoor area of your static caravan, lodge home, holiday home or park home. The smooth and sleek finish of the handrailing is both attractive and virtually maintenance free, so you can spend more time enjoying your outside space and less time maintaining it.



We offer a range of PVC balustrade components to help you complete your sundeck, veranda or terrace, with everything you need to create the perfect finish – from brackets to pickets, post caps and handrails. Please ask your Dura Composites Representative for the full list of our components.



*Colour available subject to minimum order quantity.

PVC Fascias

Our PVC Fascia Board can improve the look of your finished project and can help reduce the likelihood of wind-blown debris entering your deck boards.



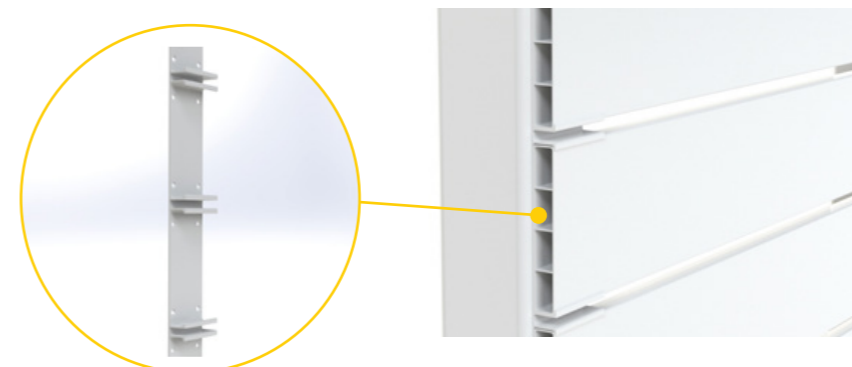
Fascia Joiner Plate
305mm x 47.59mm

Fascia Corner Plate
305mm x 45mm

Fascia Board
3660mm x 105mm x 40mm

PVC Ranch Boards

Developed for fast and efficient installation, our patented PVC ranch board bracket system fixes to upright posts allowing you to easily clip boards in and out from the bracket. Specially designed for a clean finish with no visible fixings.



Ranch Board Bracket
834mm x 82mm

Ranch Board
153mm x 22mm
Available Lengths: 4000mm, 3600mm



White



White

Dura Cladding Flush Resist

By choosing co-extruded composite timber Dura Cladding Flush Resist with its 360° protective armour for your project, you'll be investing in a 'fit-and-forget' solution that requires minimal ongoing maintenance during its long design life. Ideal for low-rise commercial or domestic use, or new build and refurbishment projects that require a Class B-s1,d0 fire rating in accordance with BS EN 13501-1:2018.

Dura Cladding Flush Resist comes in three beautiful colours which can be used to create eye-catching designs. Whilst most cladding is designed to be installed either horizontally or vertically - with Dura Cladding Flush Resist, both orientations can be achieved easily using the same product profile.



The full Dura Cladding Flush Resist composite cladding system includes an innovative range of custom made aluminium trims and battens as well as no-fuss fixing screws, for ultimate ease of installation and sleek low-profile finish.

Each board colour has been tested in accordance with BS EN 13501, earning a Class B fire rating. For reference, only Dura Composite's Aluminium Cladding offers better resistance to fire! This guarantees a industry-approved material that's ideal for any property under 11 metres in height, including holiday lodges, clubhouses, golf clubs, garden rooms, garages and much more.

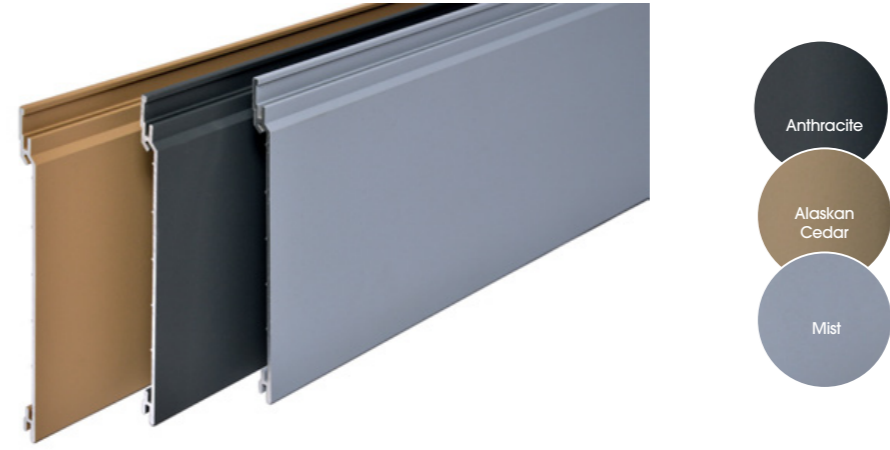


Product	Thickness (mm)	Length (mm)	Visible Face Width when installed	Maximum Fixing Span (mm)	Weight/ Lin m (kg)
Dura Cladding Flush Resist					
Dura Cladding Flush Resist	18	3660	150	600	2.07
Internal Trim	1.5		19.5		0.89
Reveal Trim			20		0.47
External Trim			35.6		0.72
Expansion Trim			21.5		0.40
Start/End Trim			20		0.35

Dura Cladding Flush Aluminium

Dura Cladding Flush Aluminium is available in contemporary colours including Cedar, Anthracite and Mist as standard, and Canvas and Copper as special order. The flush fitting design provides a decorative skin that is simple, clean and modern.

As well as wall cladding, Dura Cladding Flush Aluminium can be used for soffits, or to clad exposed framework on the underside of balconies. The 3660mm planks are lightweight and require minimal maintenance over their long lifecycle.



Dura Cladding Flush Aluminium is an A2 fire-rated cladding system which can be installed either vertically or horizontally with no overlap. It offers a versatile solution that meets the needs of high-rise, public sector and domestic cladding projects. When used with our aluminium battens and cladding trims the cladding planks create a safe, low-maintenance cladding solution that's fire-rated (in accordance with BS EN 13501-1:2018) for maximum peace of mind.

Product	Thickness (mm)	Length (mm)	Visible Face Width when installed (mm)	Maximum Fixing Span (mm)	Weight/ Lin m (kg)
Dura Cladding Flush Aluminium					
Dura Cladding Flush Aluminium	11	3660	150	600	1.19
Starter Trim	7.5		Hidden On Installation		0.19
Expansion Trim	14		21.5		0.32
Reveal Trim	30		39		0.46
Corner Trim	40		40		0.22
Universal End Closure Trim	14		30		0.37
Back Joint Trim	N/A		N/A	N/A	N/A

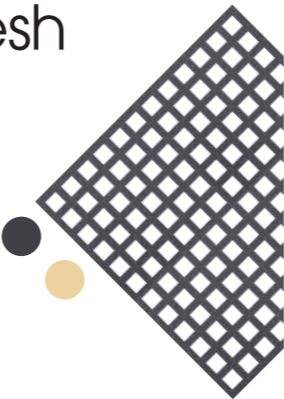


d² Dura Grating Micro Mesh

Dura Composites NEW Micro Mesh GRP grating features an anti-slip surface with a new finer grit which is ideal for water sports facilities and other recreational areas. The 10.5mm x 10.5mm open mesh prevents virtually all objects from falling through and is suitable for a wide range of footwear and sporting equipment.

d² Dura Grating Micro Mesh is available in Dark Grey as standard, with Sand and other colours available as special order. Minimum order quantities apply. If your project requires access ramps, 23mm Micro Mesh can be easily combined with other heavy grit products in the range.

For more information refer to the d² Dura Grating Brochure.



Product	Length (mm)	Width (mm)	Weight (kg/ sqm)	Open Mesh Size (mm)	Max Span (mm) at 1.5kN Point Load
d² Dura Grating Micro Mesh					
23mm	3042	1041	11.5	10.5 x 10.5	660
	4076	1300			
	4076	1560			

Load data based on deflection of L/100 using a point load of 1.5kN.

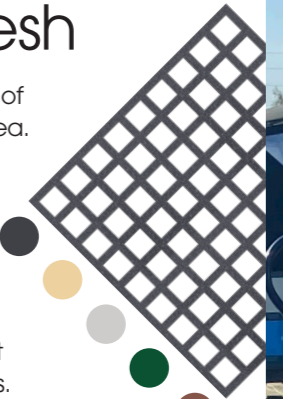
d² Dura Grating Mini Mesh

Dura Composites Mini Mesh GRP grating has all the benefits of our Standard Dura Grating but with a smaller open mesh area.

The smaller openings of our Mini Mesh Dura Grating prevents small objects from falling through, and complies with BS EN14122 Category B and the European 20mm Ball Falling Test requirement.

Mini Mesh Dura Grating is available in Dark Grey, Sand, Light Grey, Green and Teak colours and in a variety of thicknesses. For further information please refer to the table below.

For more information refer to the d² Dura Grating Brochure.



Product	Length (mm)	Width (mm)	Weight (kg/ sqm)	Open Mesh Size (mm)	Max Span (mm) at 1.5kN Point Load
d² Dura Grating Mini Mesh					
23mm	3012	1029	11.1	13 x 13	630
	4033	1269			
	4033	1511			
35mm	3030	1041	13.2	19.5 x 19.5	1590
	3667	1200			
45mm	3030	1041	15.3	19.5 x 19.5	2210
	3667	1200			
55mm	3030	1041	19.0	19.5 x 19.5	2500
	3667	1200			

Load data based on deflection of L/100 using a point load of 1.5kN.





d² Dura Grating Standard Mesh

Our Standard Mesh GRP grating is most suited for use within commercial leisure and marine applications as a walkway or slipway solution to help minimise the risk of slips or falls.

Dura Grating Standard Mesh is available in Dark Grey, Yellow, Green or Light Grey as standard, and in thicknesses of 26mm, 38mm and 50mm. The uniform construction of Dura Grating provides excellent bi-directional mechanical properties and is safe to walk on in all directions.

Standard Dura Grating is light, strong and non corrosive and can be supplied with a full range of stainless steel clips, clamps and hold down fixings to suit all situations.

For more information refer to the d² Dura Grating Brochure.



Product	Length (mm)	Width (mm)	Weight (kg/sqm)	Open Mesh Size (mm)	Max Span (mm) at 1.5kN Point Load
d² Dura Grating Standard Mesh					
26mm	3043	993	10.3	32 x 32	860
	3669	1239			
38mm	3054	996	13.2	31 x 31	2500
	3664	1224			
50mm	3052	1057	15.7	28 x 28	2770
	3682	1267			

Load data based on deflection of L/100 using a point load of 1.5kN.

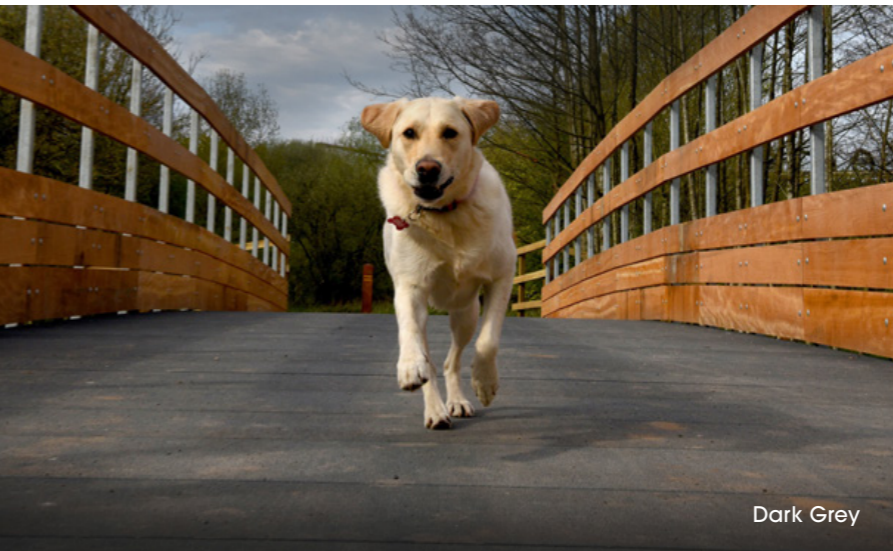
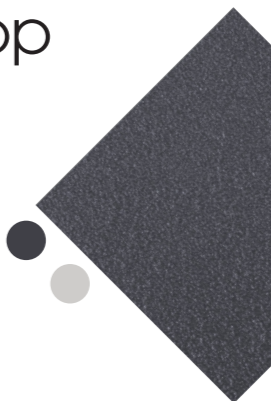
d² Dura Grating Solid Top

Dura Composites Solid Top GRP grating is lightweight with an extremely good anti-slip walking surface, suitable for wheeled trolleys or equipment often used in loading and storage areas.

One of the key benefits of Solid Top grating is the exceptional breaking strength under lateral force. The uni-directional continuous fibreglass reinforcement offers numerous advantages including rigidity, shock resistance, with no permanent deformation after loading. These factors provide excellent mechanical strength and safety in commercial environments.

Solid Top Grating is available in Dark Grey and Light Grey. See the below table for our available thicknesses.

For more information refer to the d² Dura Grating Brochure.



Product	Length (mm)	Width (mm)	Weight (kg/sqm)	Open Mesh Size (mm)	Max Span (mm) at 1.5kN Point Load
d² Dura Grating Solid Top					
29mm	3699	1239	16.7	None	1450
	3043	993			
41mm	3663	1224	21.09	None	2100
	3054	996			
53mm	3682	1267	22.9	None	22.9
	3052	1057			

Load data based on deflection of L/100 using a point load of 1.5kN.



Anti-Slip Floor Sheets

Designed to be installed over new or existing structural members of steel, timber, concrete or aluminium based floors, Dura Tread provides a quick and economical anti-slip flooring solution. Our pultruded sheets exceed the higher performance E23 grade standard and deliver a better quality, stronger and longer lasting product than anything else on the market.

With a more consistent thickness for safer walkways and a better appearance than other floor sheet panels, typical applications for Dura Tread 5mm anti-slip floor panels include floor systems, walkways, work platforms and stair ramps.

GRP Gritted Dura Tread Solid Plate Anti-Slip Flooring is available in black, yellow or dark grey and has been designed for use in applications where durability and a long, maintenance-free life are critical. Our Standard Panel Size is 3m x 1.2m x 5mm (Other thicknesses are also available by special order).



GRP Stair Tread Covers

We also offers a range of Dura Tread non-structural stair tread covers, gritted plates and stair nosing strips, which provide quick and cost-effective solutions to improving safety in potential slip hazard areas where the underlying structure is sound. Dura Tread covers are easy to install to existing concrete, wood or steel stair treads using a mechanical stainless steel fixing or general purpose adhesive to provide a highly visible, robust and durable slip resistant walking surface.

There are several different widths and colours of Stair Tread Cover available depending on your application requirements. The high visibility nosing highlights the leading edge of the step, and the low profile allows covers to be fitted to new or existing metal, concrete, or timber steps whilst only increasing the overall step height by 5mm. Each cover measures 345 x 3660mm as standard.



GRP Nosing Strips

Dura Tread Nosing Strips can be applied to a variety of stair tread materials such as concrete, wood, chequer plate or GRP grating to help mitigate the risk of slipping, tripping and falling. Quick and easy to install, Dura Tread Nosing Strips have a tough anti-slip gritted surface and are available in both Yellow and White to maximise visibility of the stair edge.

Each piece is 3660mm long as standard and the profile dimension is 55mm x 55mm with a thickness of 4mm which complies with the requirements of BS8300:2:2018.



Stair Treads with Nosings

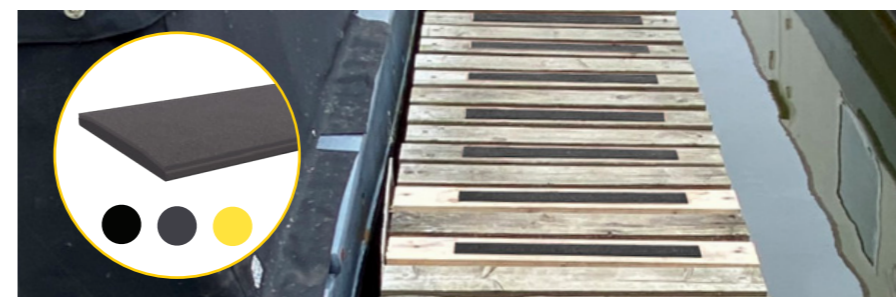
These ready-made stair treads help to prevent slip and trip incidents on staircases. Strong and durable, the treads are made from our 45mm d2 Dura Grating Mini Mesh, with gritted angled yellow nosing strips already applied to maximise safety at the stair edge. Each panel is 3660mm in length and can be easily cut down to fit your staircase site requirements using standard power tools.



Dura Tread Anti-Slip Strips

Super-fast and easy to install, these 50mm strips can provide additional grip to almost any surface. Whether it's for timber pontoon decking, lakeside walkways, outdoor steps or access ramps, our gritted strips can be affixed to your existing floor surface to help mitigate the risk of slipping, tripping or falling.

Available in black, yellow or dark grey, they can be easily combined for easy demarcation of transitional areas or differing floor levels. Strips are available in 1200mm and 3600mm lengths. Additional sizes can be cut to order and we pre drill holes for a small charge. Colour variants are available by special request.

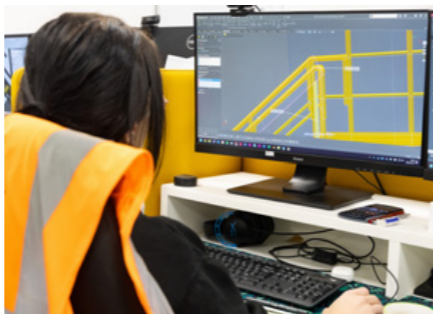


Value Added Services

CAD

Our Computer Aided Design (CAD) team use a variety of software including Inventor, Solidworks, Revit, 3Ds Max, Autocad and Navisworks to turn your ideas into reality. Working closely with the fabrication team, they can analyse, design and create bespoke fabrications tailored to your needs. Throughout the project they will be on hand to support you as you need them.

Using our CAD team can highlight any mistakes or clashes early on in the design phase and eliminate them before moving to the fabrication or installation phase.



CAE

Our computer-aided engineering services utilise a range of analysis tools to simulate the effects of different conditions on our composite products and structures using multiple simulated loads and constraints.

Our CAE tools are also used to analyse and optimise the designs created within CAD software.

FEA

If you need structural efficiency gains in your designs we can make it happen using verification and analysis tools such as a Finite Element Analysis (FEA). Our in-house Structural Engineering Team can support you with design optimisation and failure analysis to analyse the strength of complex structures and systems, determine individual component behaviour, and accurately predict how sections will react under structural and thermal loads.



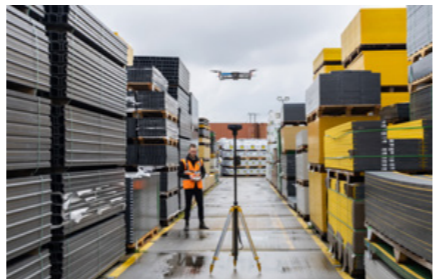
3D Laser Scanning

Our 3D laser scanning service uses the latest in area scanning technologies to create an exact 3D replica of your project site or premises. This can then be utilised by either Dura Composites' in-house designers to recreate your site specific requirements, or passed to your own internal team.



Site Surveys

Our experienced team are available to attend site surveys to assess the detailed requirements of your fabrication project and to supplement and verify the site information provided as part of the initial client brief. Initial site surveys for particularly tricky or challenging locations can be supplemented with our 3D laser scanning or aerial drone surveying services to create exact measurements.



Fabrication Drawings

To turn designs into reality once the design is approved, we produce a set of detailed fabrication drawings. These ensure that each component part is assembled efficiently, cost effectively and to the required performance criteria.





Let Dura Composites Unlock the Power of Composites for Your Next Project

Dura Composites is one of the world’s leading suppliers of composite materials.

Here are a few great reasons to work with us:

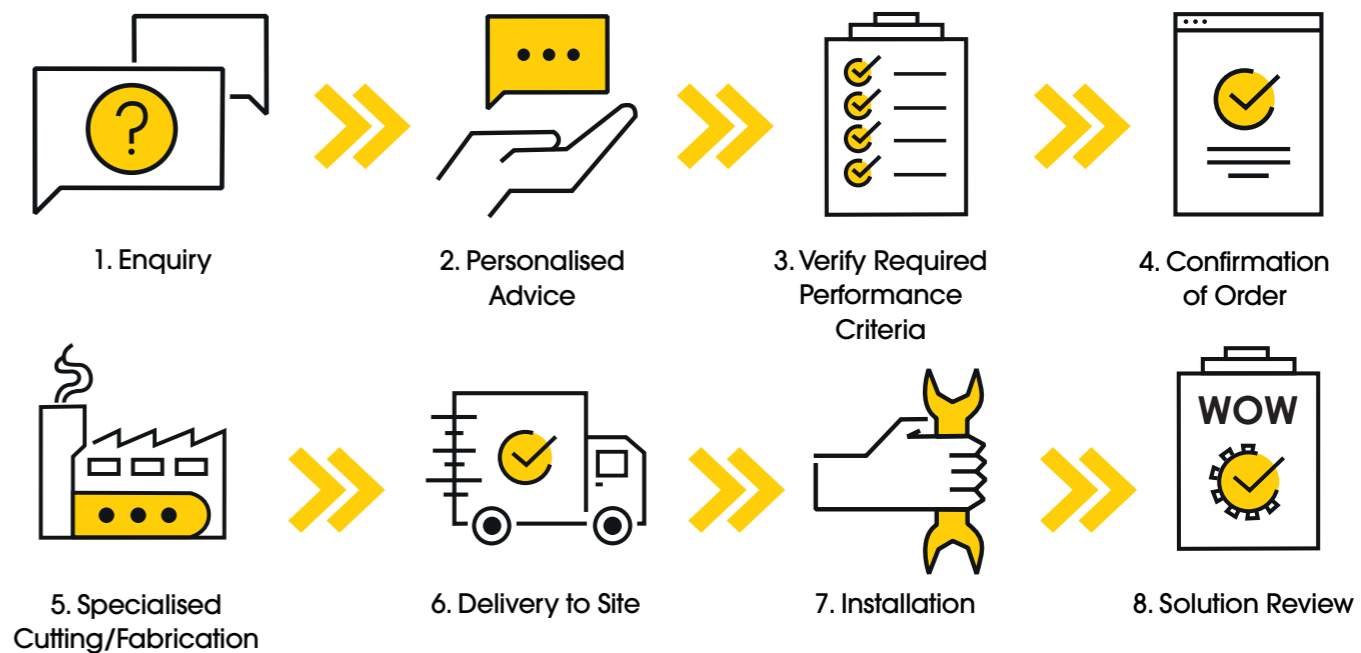
- 1

Unique products backed up by demonstrably better specification
 - We can help support your design services across all phases of the project lifecycle by providing detailed technical specifications for our award-winning product range.
 - Our live load testing data is available within our searchable Online Product Selector database to help you make decisions based on real data to ensure maximum safety for your project.
- 2

We only offer the right solution
 - We believe that decisions on which products to use should be based on facts, not guesses or theories.
 - Whatever your scenario, you can be confident that we’ll help ensure your project will meet the load performance and specification needed, otherwise we won’t supply it!
- 3

25 Years of Multi-Industry Expertise
 - We’ve had a reputation as leaders in innovation for a quarter of a century and take a collaborative approach to working with our Public and Private sector clients. We were awarded the prestigious Queen’s Awards for Enterprise in 2017 and 2020 in recognition of our success in growing and championing the use of composite materials across the globe.
 - Our added value services include in-house CAD and Structural Engineering teams who can be utilised both for stand-alone design and as part of larger integrated design scheme.
 - Our specialist cutting and fabrication teams offer a full range of services to ensure you can install with confidence.

Your process with us at Dura:





Look for FSC™
certified products



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Unlocking the Power of Composites™ >>

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Due to our policy of continual improvement we reserve the right to change specifications at all times
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