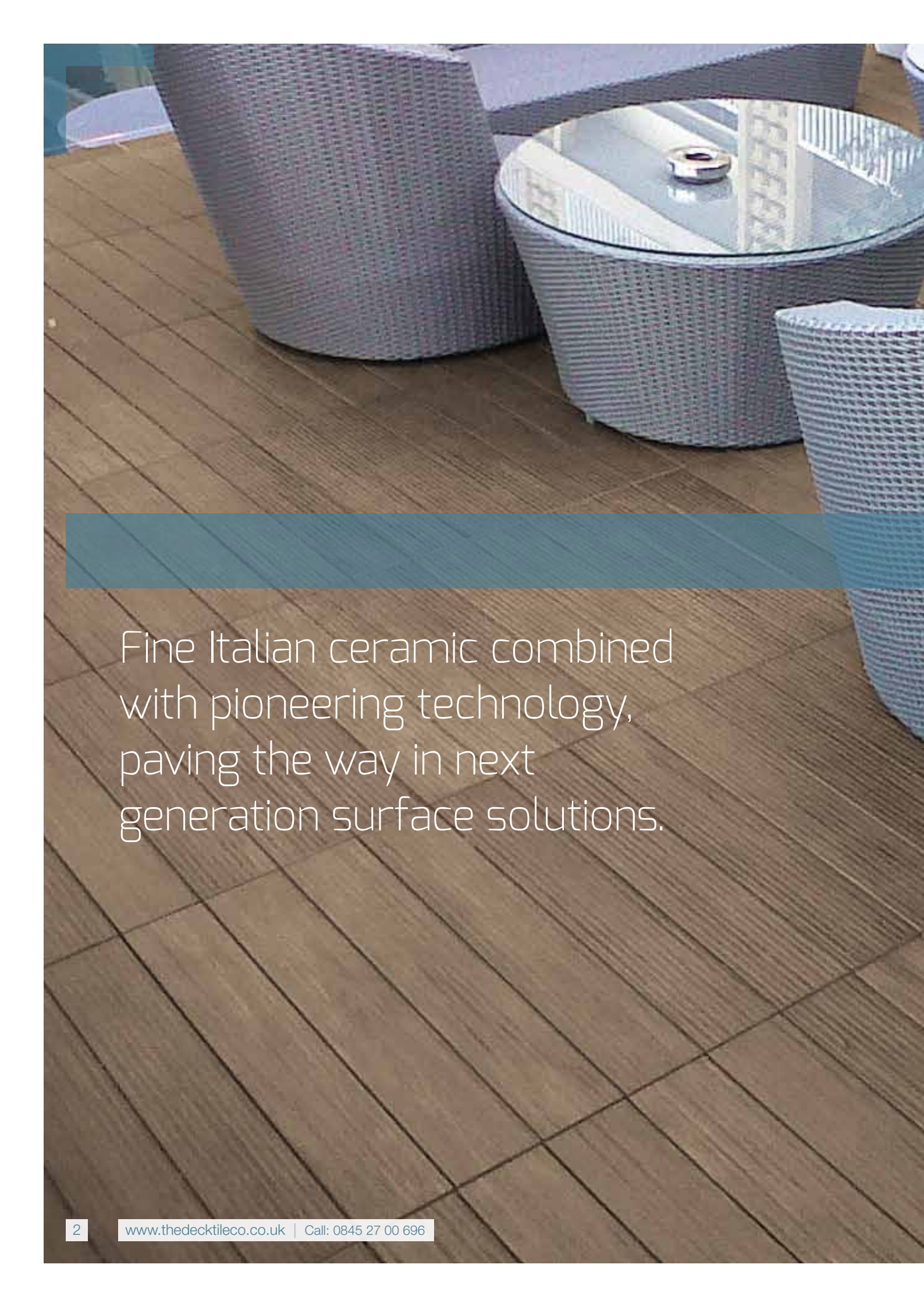




LEVATO

Architectural Porcelain
Stoneware Pavers

dte
the deck tile co. ltd.

A photograph of an outdoor patio area. In the foreground, there is a wooden deck made of light-colored, rectangular tiles. In the background, there is a round, wicker-style table with a glass top and a small metal handle. Next to the table are two wicker-style chairs. The scene is set outdoors, and the lighting suggests it might be daytime.

Fine Italian ceramic combined
with pioneering technology,
paving the way in next
generation surface solutions.

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Single layer Porcelain Stoneware paver system. Ideal for medium/high volume traffic areas. Available in 5 x stone and 3 x Timber effect finishes.

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Dual layer laminated Porcelain Stoneware paver system, ideal for high load, high traffic areas. Available in a broad range of finishes.

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Interlocking pavers which incorporate a modular UV treated Polypropylene base, allowing fast uniform installation of the tiles over an existing flat surface.

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Available in two designs; Fixed Head, or Self Levelling (auto slope correction). Both systems offer strength and durability.

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Details of available colours and surface finishes.

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Details of full range availability by finish, colour and size.

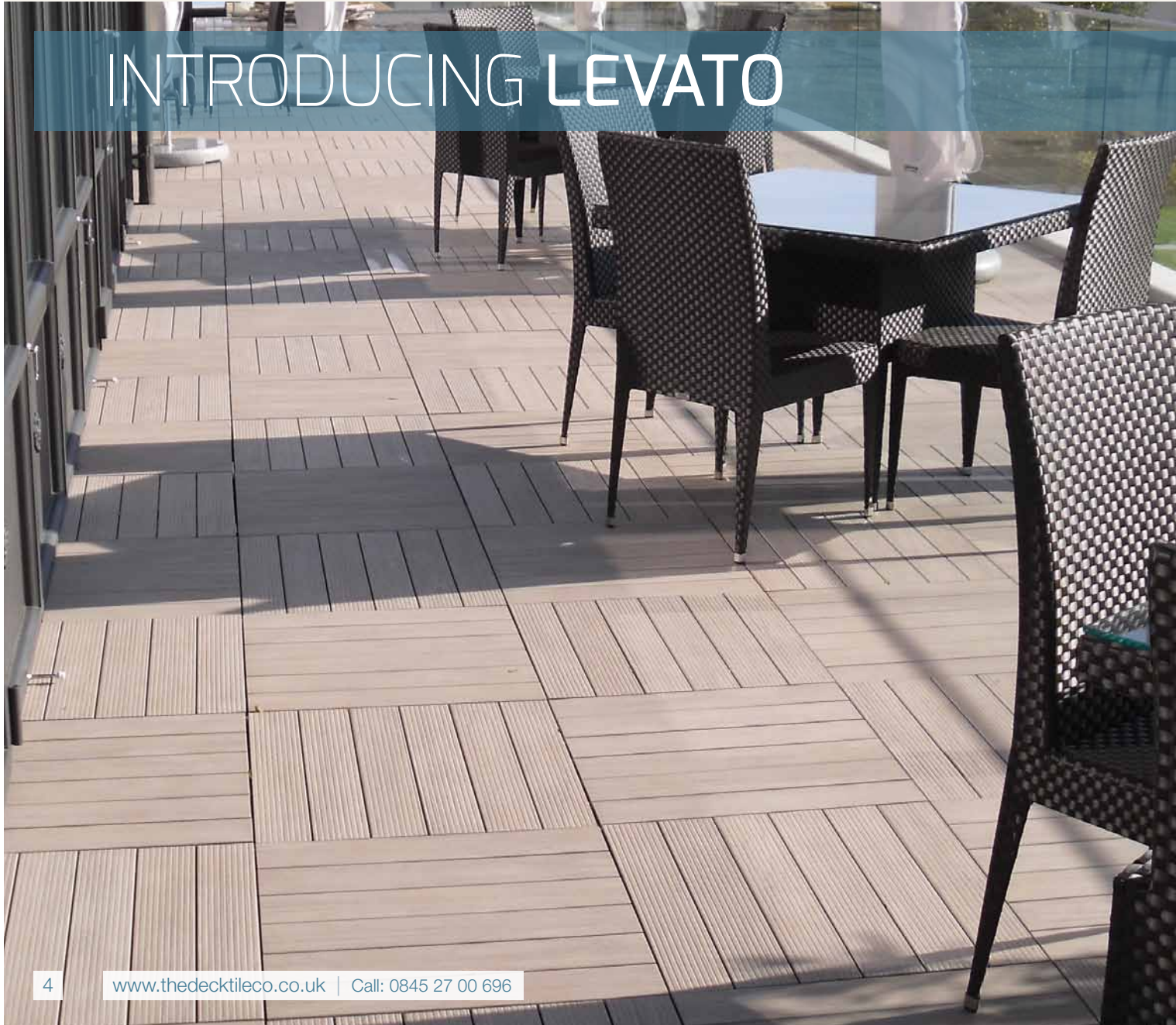
Product featured: LevatoDuo pavers, individual dark oak slats

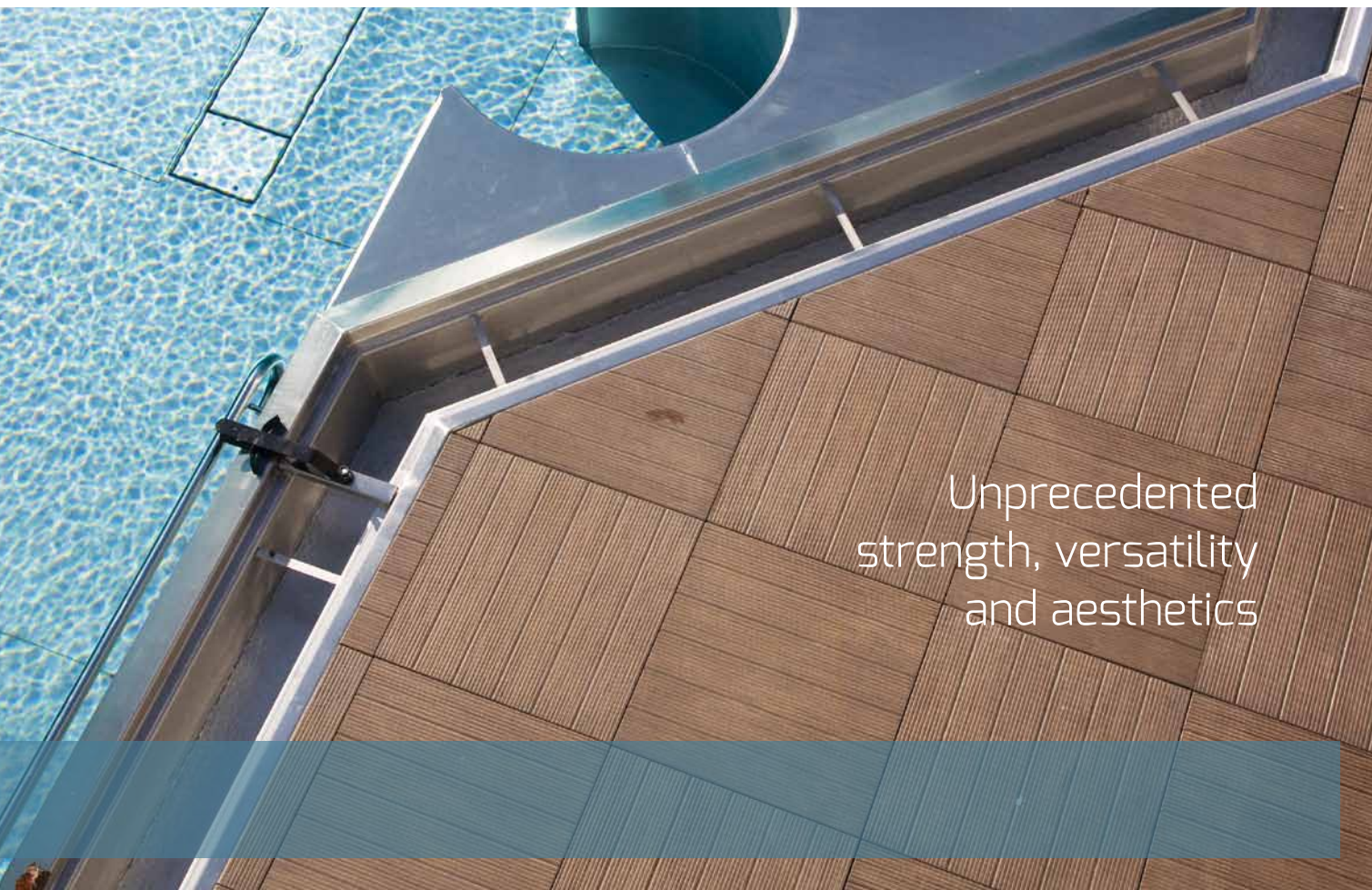
Architectural porcelain stoneware paver system

The Levato architectural paver system offers many benefits over traditional paving and other elevated paving options.

- High Load bearing
- Fire proof
- Frost proof
- Cost effective
- Installation over single ply membranes
- Non porous
- Highly stain resistant
- Highly slip resistant
- Hidden services with easy access
- Light weight (approx. half the weight of concrete pavers)

INTRODUCING LEVATO





Unprecedented
strength, versatility
and aesthetics

What is porcelain stoneware?

Porcelain Stoneware boasts an outstanding combination of qualities unmatched by any other floor or wall covering. Special manufacturing processes involving use of high pressures and temperatures produce a product of unique strength and hardness, extremely resistant to external aggression (cannot be scratched even with steel).

In addition to its technical and aesthetic properties, our porcelain stoneware range can meet a number of important safety requirements for floor coverings in public places, combining an anti-slip surface with extreme wear resistance.

Ideal for both major commercial and residential projects alike, suitable for roof terrace and balconies; walkways; plazas and swimming pool areas.

Levato pavers are designed for use in conjunction with raised pedestal and support pad systems as well as other dry installation and traditional fixing methods allowing total flexibility in design applications.





LEVATOMONO

Versatile, strong,
cost effective

LevatoMono is an innovative solution, comprised of a 20mm single layer of loadbearing porcelain stoneware, with excellent technical and aesthetic features. Without additional manufacturing treatments such as reinforcements required, it represents the ideal product to create raised flooring systems in average/heavy load traffic conditions and is suitable for both residential and commercial outdoor areas. **LevatoMono** is economical, lightweight, frost resistant, anti-slip and fire-resistant.

Available in 600 x 600mm module in 3 simulated ultra realistic timber finishes: Silver Oak, Light and Dark Oak, as well as 5 simulated stone finishes, see finishes chart on page 18.

The timber effect tiles have simulated slats, giving the appearance of individual timber decking slats but on a continual anti-slip surface – the aesthetics of timber without colour fade or maintenance.



Edging Detail

Straight edge and corner details allow areas with exposed edges to be attractively finished. The edge sections hide the pedestals or support pads on which the floor is mounted. These items are manufactured to client specification –dependent on the height of the floor.



Ramps

Ramp sections are available allowing access to wheeled equipment and wheelchairs.



Technical Specification

STANDARD	TECHNICAL PERFORMANCE	COMPLIANCE WITH STANDARDS	LEVATOMONO
	Weight of Paver 600 x 600mm	–	16.3kgs
	Weight to Paver M ²	–	45.28kgs
BS EN ISO 13501-1	Fire resistance	–	Class A
BS EN ISO 10545-6	Abrasive wear resistance	<175mm ²	139mm ²
BS EN ISO 10545-12	Water absorbstion	E < = 0.5%	0.05%
	Variation in dimensions (after soaking in water for 24 hours)		0
BS EN ISO 10545-12	Frost resistance	–	Complies with standard
BS EN ISO 10545-9	Thermal shock resistance	–	Complies with standard
BS EN ISO 10545-14	Stain resistance	–	5
BS EN ISO 10545-13	Chemical resistance	UB min	UA ULA UHA
BS EN ISO 10545-05	Impact resistance	–	0.88
BS EN 12825	Static load	–	Centre 9.6Kn Centre of sides 6.5Kn Diagonal 8.19 Kn
BS EN 1339	Bending strength -Breaking force	Kn 14,38	Classe 14
DIN 51130	Slip resistance		R11
DIN 51097	Slip resistance wet areas / swimming pools	-	C (includes all A & B)



LEVATODUO

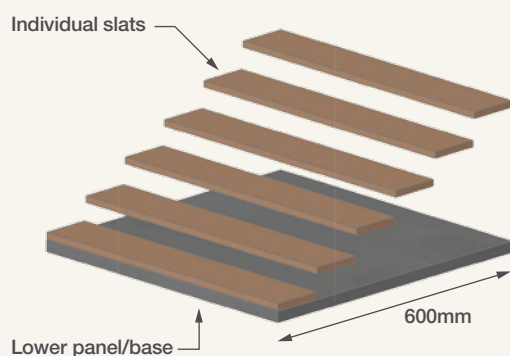
Wide range of finishes.
High loadbearing

LevatoDuo pavers offer raised flooring solutions for heavy traffic and high load areas. The pavers are comprised of laminated upper and lower ceramic panels, the homogeneous lower section or base layer is available in two thicknesses, 15mm and 20mm, offering increased technical performance and load bearing therefore meeting the requirements of the most demanding projects.

With this solution a much wider range of surface finishes are available from the DTC range. And in addition to 600mm x 600mm section, a 1200mm x 600mm section is available, offering architects and designers a comprehensive and abundant choice of design and layout options, for example the 1200mm x 600mm profile can be laid in stretcher bond or herringbone pattern.



The Levato**Duo** laminated system also enables the simulated timber finishes to be supplied as individual slats mounted on the lower ceramic panel offering increased aesthetics. See the chart on page 18 for details of size and finish options.



Technical Specification

The Levato**Duo** paver system is able to offer hugely increased technical performance, the combination of surface and sub surface tile along with reinforcing meshes –if required –can achieve results exceeding the highest standards set for these products. In fact the performance can be tailored to the clients exact requirements.

Due to the varying combinations of surface and subsurface tiles that can be coupled, the full technical specifications would be issued on confirmation of materials being utilised.



LEVATOCONNECT

Versatile, instant transformation

This system combines porcelain stoneware surfaces with a modular, linking, weatherproof polypropylene base. It offers the benefits of fast, accurate installation without the need for skilled installers. Ideal for the transformation of terraces, balconies, pathways and swimming pool surrounds as well as temporary/seasonal areas for bars, hotels, restaurants and exhibition use.

Resistant to adverse weather, slip, stains and shock making it suitable for installation almost anywhere. The Modulo system is designed for installation on continual, flat/planar surfaces. The entire underside of the modules must remain in contact with the subsurface in order to distribute loads.



Accessories

A full range of accessories are available including Planters (to suit all ranges), as well as edging sections and ramps.



Technical Specification

STANDARD	TECHNICAL PERFORMANCE	COMPLIANCE WITH STANDARDS	LEVATOCNECT
	Weight of Paver 600 x 600mm	–	20kgs
	Weight to Paver M²	–	55.55kgs

Data below relates to TeknoTimber ceramic section

ISO 10545-3	Water absorption	< 0,5 %	0,08%
ISO 10545-4	Bending strength	> 35 N/mm²	55,2 N/mm²
ISO 10545-6	Deep Abrasive wear	< 175 mm²	< 142 mm²
ISO 10545-9	Thermal shock resistance	Requested	Résistant
ISO 10545-13	Resistance to chemical products	Requested	UA ULA UHA
ISO 10545-14	Stain resistance	> Classe 3	Classe 5
DIN 51130	Slip resistance	-	R 11
DIN 51097 - 92	Slip resistance_on foot nude	-	A + B + C
ISO 13501-1	Resistance to the fire	Classe Nazionale	Classe 0
ISO 13501-1	Resistance to the fire	Classe Europea	A1 - A1FL
ISO 834	Resistance to fire		Class 1

Connect base data:

The product withstands loads of 475 kg.
 The product is flame-retardant.
 The product is fire-resistant.
 The product is resistant to colour loss.
 The product is resistant in the presence of sea water, fresh water and thermal water.
 The product is resistant to constant use temperatures of -40° and +100%





LEVATOCONNECT LED

Create attractive, atmospheric areas and pathways with Levato**Connect** LED

This system combines the standard Levato**Connect** fitted with six individual separate slats with low voltage LED lighting. The lighting being visible from between the slats allowing the creation of lit pathways, borders and feature patterns.

Levato**Connect** LED tiles are available in single, double or quad LED configurations. They are supplied ready wired with integral watertight junction box and 50cms neoprene sheathed cable, allowing for fast, easy connection. 12v-stabilised transformers are supplied, output wattage matched to LED light quantities.





HARMONIOUS AESTHETICS

Personalised projects, co-ordinated spaces

We offer a complete range of finishing elements such as swimming pool edges, steps and L-shaped elements. All of these elements are manufactured in porcelain stoneware and can be tailored and personalised to your specific requirements.



Outside in – inside out

With many of the tiling options being available in both interior and exterior, surface and wall finishes, the designer is able to offer customers seamless visual transition between interior and exterior spaces.



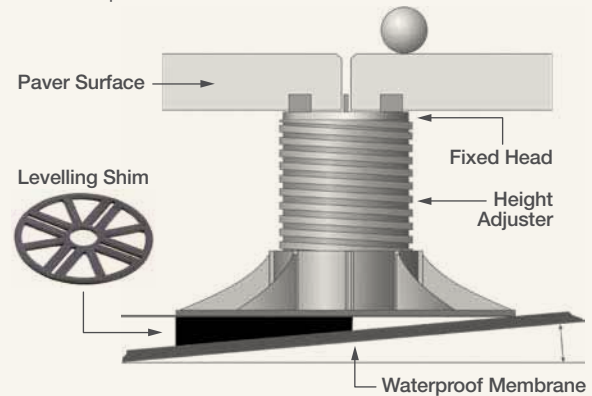
Fixed Head Pedestals (Height Adjustable)

Our Fixed Head range of pedestal supports offers increased stability via an extra wide footprint. Starting at an ultra low 25mm high the range has a maximum height of 270mm. Able to support loads in excess of 1200kg, the support head is equipped with a non-slip, acoustic dampening rubber pad, offering even greater stability as well as noise reduction. Slope compensation is achieved through the use of angle correction shims installed under the base.

Benefits

- Economic low cost; high speed installation
- Super stable 320cm² smooth finish base.
- Height adjustment once paving installed via unique adjustment tool.
- Support head equipped with non-slip, acoustic dampening rubber pad.
- Supporting loads in excess 1200kg

- Height adjustment safety auto-lock mechanism.
- Temperature service range -30° to +120°C
- Resistant to atmospheric agents, acids and UV degradation.
- Height range 25mm—270mm.
- Installation directly on to single ply waterproof membranes.



LEVATOPEDESTALS

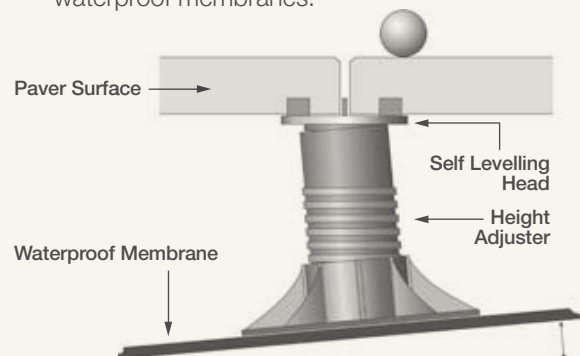
Self Levelling Pedestals

The Self Levelling range of pedestal supports offers the same load bearing –in excess of 1200kgs– as the fixed height pedestal range, along with the same non-slip, acoustic support head and the ability to adjust the height of the floor after installation of the pavers, with the addition of a auto slope correction mechanism (self levelling system), allowing surfaces with up to 5° of slope/fall super fast shim free installation –even in areas with multiple falls. Height range 37.5mm–550m.

Benefits

- Self levelling/auto slope correction on surfaces with up to 5° angle.
- Economic low cost; high speed installation.
- Height adjustment once paving installed via unique adjustment tool.
- Support head equipped with non-slip, acoustic dampening rubber pad.

- Supporting loads in excess 1200kg
- Height adjustment safety auto-lock mechanism.
- Temperature service range -30° to +120°C
- Resistant to atmospheric agents, acids and UV degradation.
- Height range 37.5mm–550mm.
- Installation directly on to single ply waterproof membranes.



Paver Support Pad (Non Height Adjustable)

Paver support pads offer fast, ultra low cost installation – ideal for relatively even surfaces. Available in 3 heights 12mm, 15mm and 20mm high (enabling incremental levelling over surfaces with a fall). Fine adjustment of levelling is accomplished with rubber/plastic shims.



PSP1 12mm high, PSP2 15mm high, PSP3 20mm high

Fixed Head Pedestals (Height Adjustable)



(FH1) 25-40mm



(FH2) 40-70mm



(FH3) 60-100mm

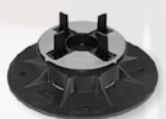


(FH4) 90-160mm

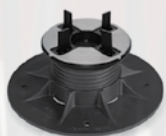


(FH5) 150-270mm

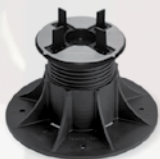
Self Levelling Pedestals



(SL1) 37-50mm



(SL2) 50-75mm



(SL3) 75-120mm



(SL4) 120-170mm



(SL5) 170-215mm



(SL6) 140-230mm



(SL7) 185-275mm



(SL8) 235-325mm



(SL9) 205-345mm



(SL10) 250-385mm



(SL11) 300-400mm



(SL12) 270-455mm



(SL13) 315-500mm



(SL14) 365-550mm

Accessories



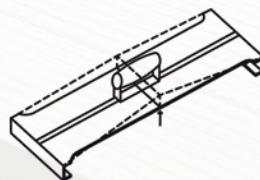
Height Adjustment Tool



Levelling Shim 150mm x 3mm



4mm Cross Spacer



Paver Lift Tool



Tension spring available for Mono paver 20mm, and Duo Pavers at 26mm or 33mm



COLOURS AND FINISHES

TeknoTimber – ultra realistic ceramic timber

Made from 100% Porcelain Stoneware, Tekno**Timber** offers a hi-tec alternative to both natural and composite timbers.

The marriage of Porcelain Stoneware technology with the natural beauty of timber, has produced a material with all the benefits and beauty of timber without the disadvantages; Tekno**Timber** is fire proof; needs no maintenance; will not stain; will not change colour or fade; and is extremely resistant to abrasion -offering massive over-life savings in maintenance.

Extremely high slip resistance and zero maintenance make it the perfect choice for outside dining; roof terraces and balconies; walkways and swimming pool areas.

Tekno**Timber** is ideal for high traffic applications where the look of wood is preferred, but where low maintenance and a consistent appearance, year after year, is essential.

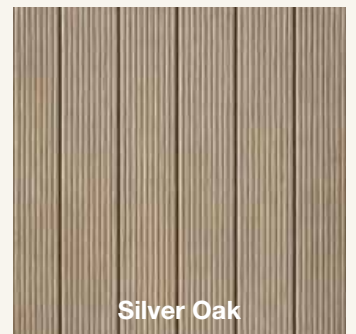
Colours

Tekno**Timber** is available in 3 colours, shown to the right.

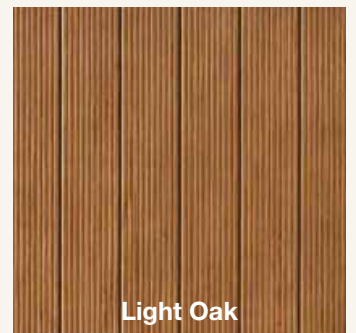
Finishes

Tekno**Timber** is available in a grooved finish simulating deck board grooving, ideal for exterior applications where additional grip is preferred. Or in Natural finish (smooth un-grooved) perfect for matched wall coverings and indoor flooring.

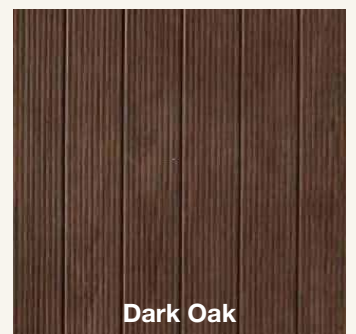
Tekno**Timber** is also available as individual slats at 100mm, 150mm and 300mm widths for the **Duo**, **Connect** and standard tile options.



Silver Oak

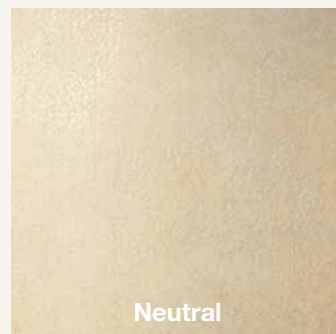
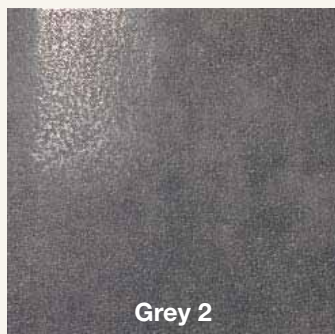


Light Oak

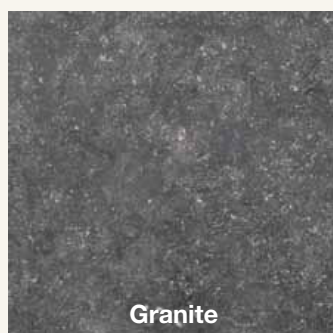
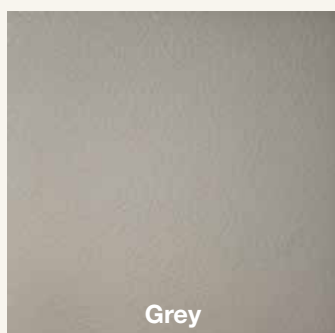


Dark Oak

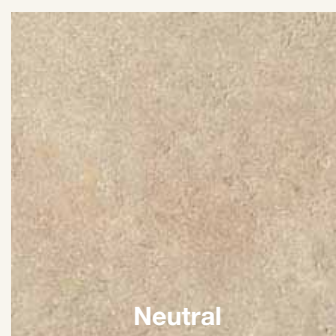
Pietra Futuro



Alfresco



Peitra Toccato



Belgium Blue Stone



Quartzite

Colours & Sizes

			MONO	DUO	CONNECT	CONVENTIONAL TILE		
COLOUR RANGE/FINISH	COLOUR	SIZE CM	AVAILABILITY				SLIP RESISTANCE	
TeknoTimber	Ribbed finish with simulated slats	Dark Oak	120 x 60		✓		✓	R11
		Dark Oak	60 x 60	✓	✓	✓	✓	R11
		Light Oak	60 x 60	✓	✓	✓	✓	R11
		Silver Oak	60 x 60	✓	✓	✓	✓	R11
	Ribbed individual slats	Dark Oak	120 x 10		✓	✓	✓	R11
			60 x 10		✓	✓	✓	R11
			60 x 30		✓	✓	✓	R11
		Light Oak	60 x 10		✓	✓	✓	R11
			60 x 30		✓	✓	✓	R11
		Silver Oak	60 x 10		✓	✓	✓	R11
			60 x 30		✓	✓	✓	R11
	Natural (non ribbed) Finish	Dark Oak	60 x 30		✓	✓	✓	R10
			60 x 15		✓	✓	✓	R10
			60 x 10		✓	✓	✓	R10
		Light Oak	60 x 30		✓	✓	✓	R10
			60 x 15		✓	✓	✓	R10
			60 x 10		✓	✓	✓	R10
		Dark Oak	60 x 30		✓	✓	✓	R10
			60 x 15		✓	✓	✓	R10
			60 x 10		✓	✓	✓	R10
COLOUR RANGE/FINISH	COLOUR	SIZE CM	AVAILABILITY				SLIP RESISTANCE	AVAILABLE IN 3 INTERIOR & EXTERIOR FINISHES
Stone Effect	Alfresco	Grey	60 x 60	✓				R11
		Granite	60 x 60	✓				R11
	Pietra Futuro	Neutral	60 x 60		✓	✓	✓	R10 ✓
			60 x 30		✓	✓	✓	R10 ✓
		Neutral Striated	60 x 30		✓	✓	✓	R11 ✓
		Grey 3	60 x 60		✓	✓	✓	R10 ✓
		Grey 3 Striated	60 x 30		✓	✓	✓	R10 ✓
		Grey 4	60 x 60		✓	✓	✓	R10 ✓
		Grey 4 Striated	60 x 30		✓	✓	✓	R11 ✓
		Grey 5	60 x 60		✓	✓	✓	R10 ✓
			60 x 30		✓	✓	✓	R10 ✓
		Grey 5 Striated	60 x 30		✓	✓	✓	R11 ✓
	Pietra Toccato	Neutral 1	120 x 60		✓	✓	✓	R10 ✓
			60 x 60	✓	✓	✓	✓	R11 ✓
			60 x 30		✓	✓	✓	R10 ✓
		Grey 1	120 x 60		✓	✓	✓	R10 ✓
			60 x 60		✓	✓	✓	R10 ✓
			60 x 30		✓	✓	✓	R10 ✓
		Grey 2	120 x 60		✓	✓	✓	R10 ✓
			60 x 60		✓	✓	✓	R10 ✓
			60 x 30		✓	✓	✓	R10 ✓
	Quartzite	Grey Quartz	60 x 60	✓	✓	✓	✓	R11 ✓
			60 x 30		✓	✓	✓	R11 ✓
	Belgium Blue Stone	Belgium Blue	80 x 80				✓	R11 ✓
			60 x 60	✓	✓	✓	✓	R11 ✓
			40 x 80				✓	R11 ✓
			20 x 80				✓	R11 ✓

Please call us to discuss your requirements

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