



# SpiraPave<sup>®</sup>

Paver & Bearer Support



043 - 002  
100% recycled  
materials



## Solutions for Sustainable Urban Development

SpiraPave<sup>®</sup> pedestals for paver and bearer support with low minimum height of 12mm and a slope corrector usable on pedestal as low as 17mm

# SpiraPave®

SpiraPave® eliminates need for bedding sand and/or use of brick or metal piers for installation of raised pavers or decking. It eliminates efflorescence and prevents algae growth on pavers, facilitates rapid surface drainage and easy accessibility to waterproofing membranes and concealed services. It also provides a ventilation break that reduces heat and sound transmission to habitable space below.



SpiraPave® is a new generation pedestal for paver and bearer support consisting of top and bottom components paired to create pedestals of different heights, each individually able to step up or down in 1mm increments for precise height adjustments. The pedestals collectively allow uninterrupted progressive height increase from 12mm to 74mm.

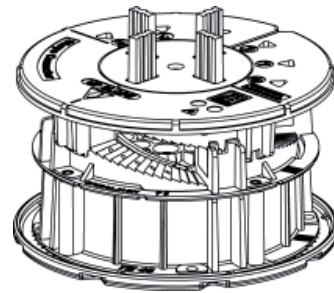
SpiraPave® low minimum height of 12mm makes it ideal for installations where conventional height-adjustable pedestals are generally too high to be used.

SpiraPave® may be used with a combination of one or more accessories including a slope corrector which can be placed either on top or at the bottom of the pedestal to enable compensation up to 5%. Slope corrector at the bottom enables the pedestal to be perpendicular thus maintaining stability and compressive strength.

SpiraPave® has a flat smooth base which will not penetrate and compromise the integrity of waterproofing membranes.

## Pairing of Components

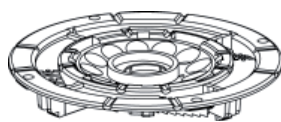
Top	T1	T2	T2	T3	T3	T4
Bottom	T1	T1	T2	T3	T4	T4
Pedestal	T11	T12	T22	T33	T34	T44



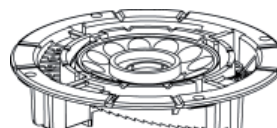
T33 with Slope Corrector, Spacer Tab, Extender & Base Plate



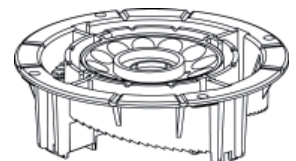
T1 (inverted)



T2 (inverted)



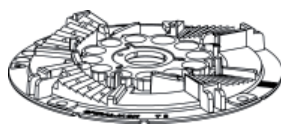
T3 (inverted)



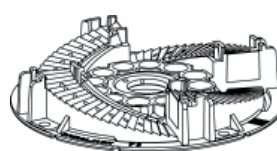
T4 (inverted)



T1



T2



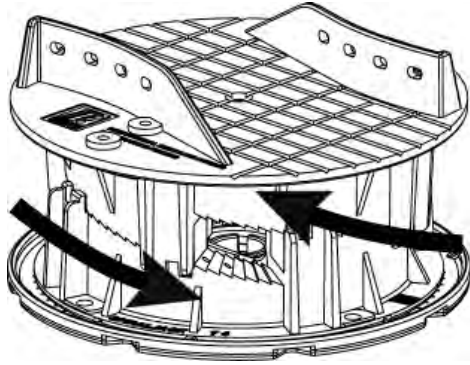
T3



T4

## Applicable Areas

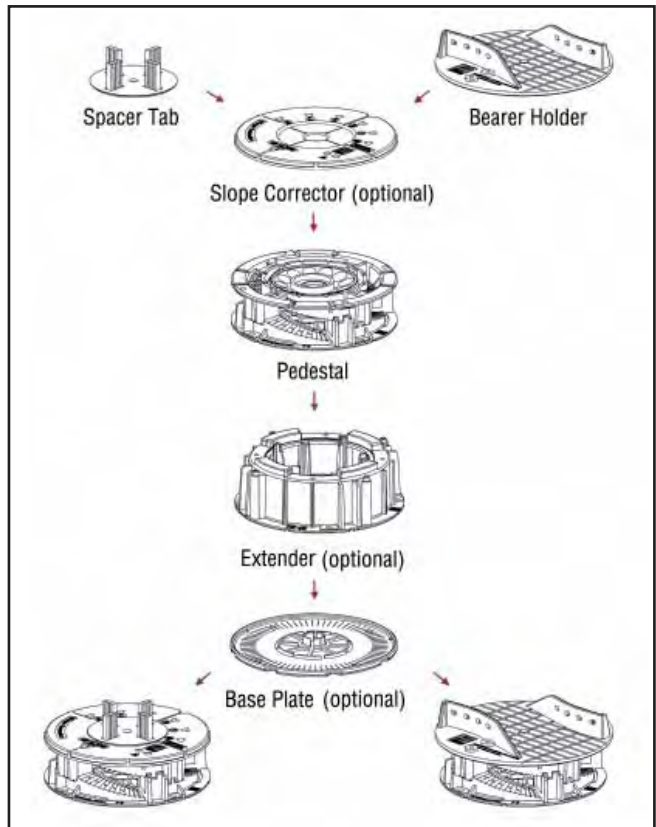
- Pool surrounds
- Roof terraces
- Balconies and patios
- Pedestrian walkways
- Plaza decks
- Reflective pools



T44 with Bearer Holder & Base Plate

Adjust pedestal to desired height by rotating top and bottom components.

## Accessories



SpiraPave® for stone pavers



SpiraPave® for timber deck



SpiraPave® for wood panels



SpiraPave® for water features

## Specifications

Material	Recycled polypropylene
Colour	Black
Slope Correction	0% to 5% @ 1% increments

### Diameter

Pedestal	150mm
Slope Corrector	170mm
Base Plate	175mm

**Max Compressive Load**<sup>1</sup> ~25kN (ASTM D695-08)

### Spacer Tab

Height	25mm
Thickness	2 / 3 / 4 / 6 / 10mm

(between pavers)

*Other configurations on request*

**Bearer Size** 50mm to 85mm

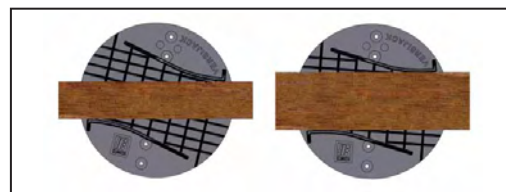
**Extender Height** 45mm

**Biological/Chemical Resistance** Unaffected by moulds and algae and good resistance to alkali and bitumen

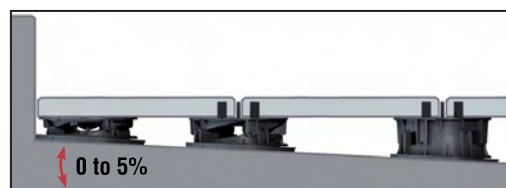
<sup>1</sup> compressive strength at 5mm displacement and varies with different heights

## Advantages

- Minimum height of 12mm
- Uninterrupted progressive height increase
- Easy precise 1mm height adjustments
- Easy-to-install, cost effective and lightweight
- Slope correction on pedestal as low as 17mm
- Pedestal can be perpendicular on a sloped surface
- High compressive strength
- Made from 100% re-cycled material
- Supports Green Building certification



**Bearer Holder** is suitable for 50mm to 85mm width bearers



**Slope Corrector** at bottom allows pedestal to be perfectly upright

Height (mm)	T11	T12	T22	T33	T34	T44
		12-18	17-23	23-29	30-44	45-59
<b>Base Plate (BP)</b>	-	-	26-32	33-47	48-62	63-77
<b>Slope Corrector (SC)</b>	-	22-28	28-34	35-49	50-64	65-79
<b>Bearer Holder (BH)</b>	17-23	22-28	28-34	35-49	50-64	65-79
<b>BP + SC</b>	-	25-31	31-37	38-52	53-67	68-82
<b>BP + BH</b>	-	-	31-37	38-52	53-67	68-82
<b>BP + SC + BH</b>	-	30-36	36-42	43-57	58-72	73-87
<b>SC + BH</b>	-	27-33	33-39	40-54	55-69	70-84

*No additional height with Spacer Tab*

**Note:** The information provided in this brochure is based on current knowledge and experience and does not infer any legally binding assurance or warranty, expressed or implied. Intending purchasers should verify whether any changes to specifications or applications or otherwise have been made since this literature was issued. The products in this brochure are manufactured using specified recycled plastics under detailed quality control standards and procedures. Factors including source of raw material and manufacturing processes may impact slightly on the strength of the modules.

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