

Ecodeck^{tm.}



STRUCTURAL DECK TILES

ECO ARBOR DESIGNS 1 888 335 8453

Wood Tile Specifications and Pedestal support information



Our structural tiles will install quickly and efficiently over a joist system or raised pedestal. Some key features include

- Industrial or commercial grade deck tiles in a perfect square or rectangle. Custom sizes can be built to order. Guaranteed to be perfectly square or rectangular tile modules ensuring even seam lines.
- Supports loads up to 4000 lbs with the Elmich Versajack or Spirapave Pedestal system. In addition we also distribute the AWS pedestal system.

- Design and build level decks on rooftops or any structural surface.
- Run irrigation to your planters and green walls underneath the deck tile system.
- Run electrical conduits as well as underneath lighting systems.
- Preassembled Wood Deck Tiles are constructed from select cut Bolivian ABT Certified hardwoods. Ipe, Cumaru, Curupay and others available
- Corrosion resistant heavy duty deck screws used in assembly of each tile.

ECO DECK STRUCTURAL DECK TILES can be used for...

- Building creative rooftop decking environments
- Urban patios, terraces and rooftop decks
- Commercial or residential flat rooftop terraces and plazas
- Decks on green roofs or any surface where you don't want a built up deck with limited access. A modular tile system creates easy access to the roof surface
- Residential decks over cracked concrete patios or uneven surfaces
- Decking and landscaped areas on street and curbsides
- Commercial Decks, residential decks and retrofitted decks.



STRUCTURAL DECK TILE SIZES

STOCK SIZES * we can do custom sized tiles and custom width planks



ECO ARBOR Structural DECK TILES 2x2 Square Surface: Smooth

Model: ECODECKIPE-24SMOOTH
Color: Brown to medium brown with dark grain
Janka Hardness Rating: 3,680 lbs.
Dimensions: 23 7/8" x 23 7/8" x 1.75"
Weight: 23.5 lbs
Weight psf: 5.75 lbs

Meets and Exceeds ASTM E108-07a Class A
Spread of Flame Test burn ratio



ECO ARBOR Structural DECK TILES 2x4 Rectangle Modular Deck

Surface: Smooth

Model: ECODECKIPE-24SMOOTH
Color: Brown to medium brown with dark grain
Janka Hardness Rating: 3,680 lbs.
Dimensions: 23 7/8" x 47 7/8" x 1.75"
Weight: 48 lbs
Weight psf: 5.75 lbs

Meets and Exceeds ASTM E108-07a Class A
Spread of Flame Test

Versijack®



Telescoping Paver and Deck Supports



VersiJack® 75 is a heavy duty adjustable lightweight telescopic

pedestal with an integrated slope corrector manufactured from 100% recycled or clear virgin plastics. It is used to support pavers, beams and bearers in the construction of roof terraces, pedestrian walkways, roof gardens and platforms.

VersiJack® 75 is adjustable in height from 75 mm to 150 mm. The height may be increased to 1050 mm using proprietary Extenders and Locking nuts to ensure maximum stability.

VersiJack® 75 reduces sound transmission and increases heat insulation. Unsightly services may be concealed within the cavity under the elevated platform, allowing easy access when required.

VersiJack® 75 can be used with most pavers such as granite, marble, precast concrete, timber as well as industrial gratings. A hollow internal core allows additional ballast such as cement infill to be used when required.

Versijack Specifications

Height range 75 mm to 150 mm

Color - Black

Dimensions Head diameter 155 mm

Base diameter 205 mm

Extender height 75 mm

Compressive Strength > 1,600 kg

Slope Compensation

151 mm onwards with

Extenders¹ - 112.5 mm

¹ additional heights possible with bracing system

0% to 5% @ 1% increments

Weight VersiJack® 75 ~ 0.7 kg

Service Temperature -20 °C to 120 °C

Unaffected by molds and algae and

good resistance to alkali and bitumen

Distributed by:

Material Polypropylene

Extender ~ 0.3 kg

VJ Bearer Holder

For 50 mm to 75 mm width

² compression strength varies with different heights.

Installation Procedures

- Use sight or laser lines to mark the intersections of the corners of each paver to be laid.
- Position **VersiJack® 75**. Adjust the 0% to 5% slope corrector to compensate for any fall in the slab.
- If necessary, saw along marked score lines on the base so that the units may be positioned along wall edges or in corners.
- Position the first paver in a corner and subsequent pavers along a wall edge.
- Place pavers or wood panels on **VersiJack® 75** and simply adjust either up or down to obtain level required. Use rubber shims, if required, to ensure that the finished surface is level.




SpiraPave®



Low Height Decking Support

	<ul style="list-style-type: none">• Height flexibility<ul style="list-style-type: none">– height range 17 mm to 87 mm– height range increased by adding Extenders– easy and accurate height adjustments in 1 mm increments• Slope correction – by slope corrector• Strength – unmatched compressive strength made possible by a 'step' design• Security – can be secured to the supporting surface and locked at chosen height• Environmentally sustainable – manufactured from recycled plastics
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	<p>SpiraPave® is a new generation pedestal consisting of separate components paired to create pedestals of different heights, each capable of stepping up or down for fine height adjustments.</p> <p>SpiraPave® minimum height of 12 mm makes it ideal for installations where conventional height-adjustable pedestals are generally too high to be used.</p> <p>SpiraPave® has a slope corrector which may be placed either on the top or bottom of the pedestal for fall compensation of up to 5%.</p>
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