

# Ecodeck®



## STRUCTURAL IPE 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
- Supports loads up to 4000 lbs with the Elmic Versajack or Spirapave Pedestal system.
- Design and build level decks on rooftops or any structural surface.
- Preassembled Wood Deck Tiles are constructed from select cut Brazilian hardwoods: Ipe is FSC certified (FSC/COC – 000058)

- **ECO DECK STRUCTURAL DECK TILES can be used for...**
- Building creative rooftop decking environments
- Urban patios, terraces and rooftop decks
- Large, commercial flat rooftop terraces and plazas
- Deck pedestals for roof pavers: concrete pavers, wood tiles, stone, etc.
- Decks on green roofs
- Residential decks over cracked concrete patios & on-grade
- Decking and landscaped areas on streets and curbsides
- Commercial decks, residential decks and retrofitted decks



**ECO ARBOR Structural DECK TILES**

**2x2 Square**  
**Surface: Smooth**

Model: WT-IPE-24SMOOTH  
 Color: Brown\*\*  
 Janka Hardness Rating: 3,680 lbs.  
 Dimensions: 23 7/8" x 23 7/8" x 1.79"  
 Weight: 23 lbs  
 Weight psf: 5.75 lbs

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

\*\*Wood tile colors may differ than pictured above and change without notice.

Our Structural Deck Tiles are available in two sizes:



**ECO ARBOR Structural DECK TILES**  
**2x4 Rectangle**

**Surface: Smooth**

Model: WT-IPE-24SMOOTH  
 Color: Brown\*\*  
 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

\*\*Wood tile colors may differ than pictured above and change without notice.

Our Structural Deck Tiles are available in two sizes:

# 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

**Extenders**<sub>1</sub> - 112.5 mm

*<sub>1</sub> 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*

*<sub>2</sub> 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"><li>• <b>Height flexibility</b><ul style="list-style-type: none"><li>– height range 17 mm to 87 mm</li><li>– height range increased by adding Extenders</li><li>– easy and accurate height adjustments in 1 mm increments</li></ul></li><li>• <b>Slope correction</b> – by slope corrector</li><li>• <b>Strength</b> – unmatched compressive strength made possible by a 'step' design</li><li>• <b>Security</b> – can be secured to the supporting surface and locked at chosen height</li><li>• <b>Environmentally sustainable</b> – manufactured from recycled plastics</li></ul>
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	<p><b>SpiraPave®</b> 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><b>SpiraPave®</b> minimum height of 12 mm makes it ideal for installations where conventional height-adjustable pedestals are generally too high to be used.</p> <p><b>SpiraPave®</b> 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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ECO ARBOR DESIGNS

Corp office 3707 Vista De La Bahia Suite C, SAN DIEGO CA 92117

Toll Free 888 335 8453

Direct 831 359 4435

Visit us online at [www.ecoarbordesigns.com](http://www.ecoarbordesigns.com)

Email us at [info@ecoarbordesigns.com](mailto:info@ecoarbordesigns.com)

Warehouse address

Eco Arbor Designs **West** Coast

29125 Avenue Paine

Valencia, CA 91355

Eco Arbor Designs **East** Coast

889 Waverly Avenue

Holtsville, NY 11742