## Ecodeck



#### 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

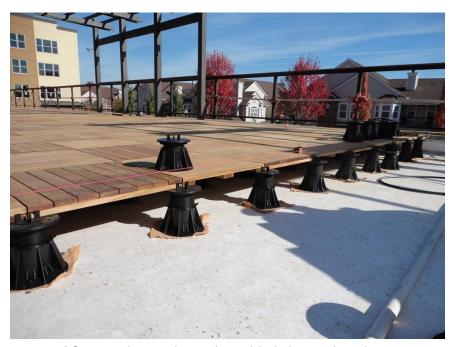
 $\underline{\text{Meets and Exceeds ASTM E108-07a Class A}}$ 

Spread of Flame Test

## Versijack



## Telescoping Paver and DeckSupports



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

1 additional heights possible with bracing system

0% to 5% @ 1% increments

Weight VersiJack® 75 ~ 0.7 kg

Service Temperature -20  ${}_{\circ}C$  to 120  ${}_{\circ}C$ 

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.
- P lace 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<sub>®</sub>



## Low Height Decking Support



- Height fl exibility
- 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



**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 fi ne

height adjustments.

**SpiraPave®** minimum height of 12 mm makes it ideal for

installations where conventional heightadjustable pedestals

are generally too high to be used.

**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%.

#### **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

Email us at <a href="mailto:info@ecoarbordesigns.com">info@ecoarbordesigns.com</a>

Warehouse address

Eco Arbor Designs West Coast

29125 Avenue Paine

Valencia, CA 91355

Eco Arbor Designs **East** Coast

889 Waverly Avenue

Holtsville, NY 11742