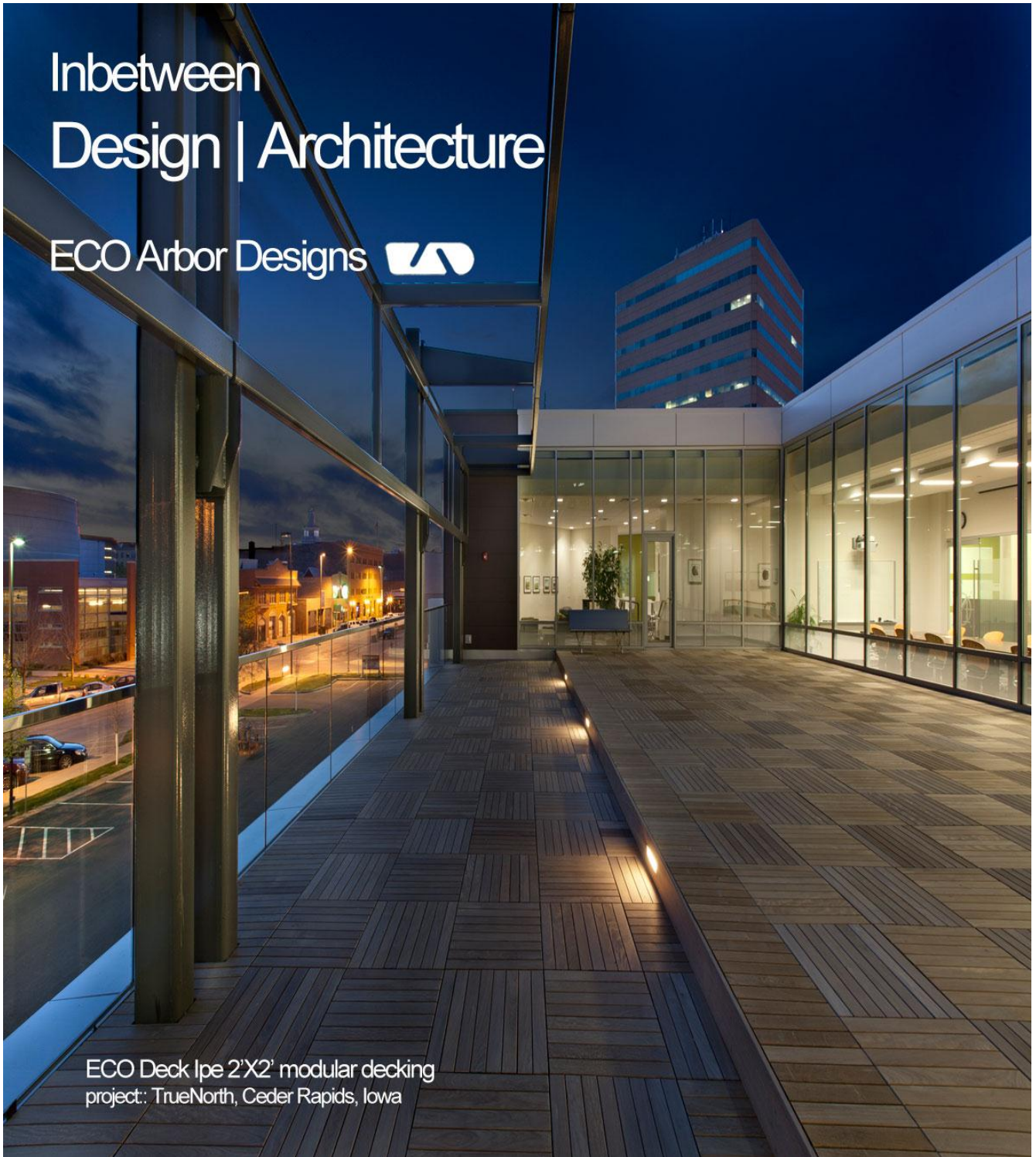


# Inbetween Design | Architecture

ECO Arbor Designs 

ECO Deck Ipe 2'X2' modular decking  
project: TrueNorth, Cedar Rapids, Iowa





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COVER IMAGE : ECO Deck Modular Roof Deck Tiles  
TrueNorth Project Featured in Architectural Digest. Cedar Rapids, Iowa  
Design: Eco Arbor Designs

**Our Philosophy In these challenging times**, is the need for owners to maximize every inch of space on a building is greater than ever - not to mention the need for the best quality at a reasonable price point. Most industry professionals will tell you that landscapes play more of a role around buildings today than ever before. Our decking systems together with a complete line of green roof trays and planters will enable you to create the outdoor living area of your dreams.

**Eco Arbor Designs** is here to help with a complete outdoor landscape supply package. We effectively bridge between landscape and architecture, making the designs of thousands of architects and landscape architects possible each year. We can help with putting plants on any structure or modular roof decks in place, whether using our modular Ipe decking tiles or our living wall and trellis systems, or variety of green building components.

**In this, our 2012 catalog**, we've moving forward with the Elmich adjustable pedestal system and modular roof decking tiles as well as a complete line of modern planters and automatic irrigation products. This is a complete roof decking catalog for the most demanding designs.

**We're also pleased to announce our Eco Arbor Designs/Tournesol Commitment Program** - a comprehensive measurement and development program to continue to improve in all aspects of our business - to our customers, to our employees, and to our community and environment. Our goals is continuous improvement, and most importantly to our customers, no headaches, no disappointments, and no hassles.

**We look forward to being your connection between landscape + architecture in 2011/12**

# Ecodeck<sup>tm.</sup>



## 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

**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

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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

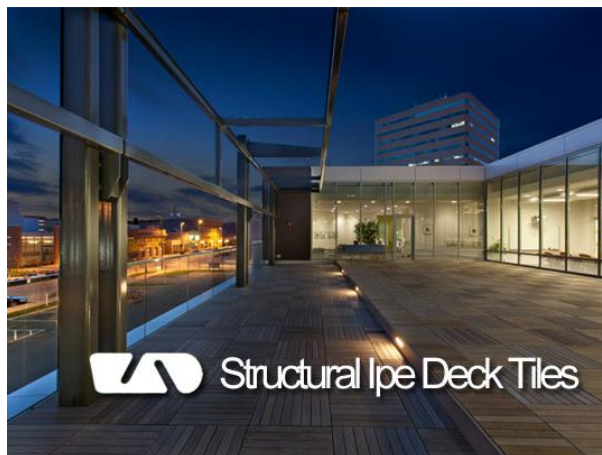
889 Waverly Avenue

Holtsville, NY 11742



## The Eco Arbor Designs / Tournesol Siteworks Commitment – 2011

Eco Arbor Design together with Tournesol Siteworks manufactures products to enable landscaping on buildings. We intend, as a company, to be a major provider of products for the urban environment. Customers at each point of the value chain (owners, designers, installing and maintenance contractors) will have a good experience and get what they need when working with us. This will be a great place to work, and be a worthwhile investment for our shareholders. Our commitment extends to those in the community and our world around us. Our plans will incorporate our environment, our community, and our partners. To our customers: complete satisfaction, superior performance, and value. To our company: fulfillment of vision, profitability, and responsibility to our team. To our community: environmental excellence, sharing, and responsibility to our partners.



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