

# ECODEck<sup>tm.</sup>



## On Grade NATURAL Interlocking DECK TILES

ECO ARBOR DESIGNS 1 888 335 8453

ECODEck Tm. Tile Specifications and information



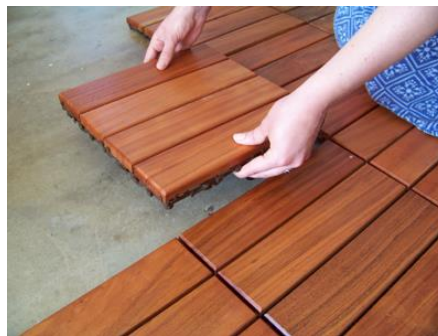
### What are ECODEck Tiles Tm?

ECODEck Tiles Tm. combine premium quality natural hardwood with a high strength composite interlocking backing. This system features a fastening matrix that is pre secured using industrial strength screws on the underside of the tile. The deck tiles are sold in pieces or sq ft, 1x1, 1x2. They can be installed over any even outdoor surface to create your own stunning outdoor entertainment areas. Once our **ECODEck Tm. Deck Tiles** are locked in place, they will create a durable hard wearing deck floor. Our tiles are comfortable to walk on, visually stunning and yet durable enough for any climate or weather. **WHY CHOOSE OUR ECODEck TILES?** We are #1 in the industry for quality and manufacturing precision. Our tiles are made on a high quality backing grid system, with injected polymers for both fire protection and UV stabilization. The benefits to this: a precise deck surface that will last 20-40 years from time of install and enable the lifting and re-install of tiles even years after they were initially installed. Competing products don't seem to last the test of time like ours do.

# ECODEck tm On Grade Deck Tiles

Deck tiles will install quickly and efficiently over any flat surface indoor or out.

- Industrial or commercial grade deck tiles in a perfect square or rectangle. Supports loads up to Design and build level decks on rooftops or any structural surface with a high end natural stone finish.
- Installation requires no screws, nails or toxic adhesives. To install... Simply sweep the surface clean and begin locking each tile in place.
- **ECODEck Deck Tiles tm.** plastic polyethylene interlocking deck tile frame system ensures a tight lock between each tile with evenly spaced deck boards across the surface. The polyethylene frame has an injected UV stabilizer/fire retardant that will ensure you can un-click the tiles years after install and click them back in place again.
- Our own award winning **ECODEck Tm.** Deck tiles started as a DIY product that lock securely into place over any even hard surface. They were originally designed for EPDM rubber membrane liners found on most roof decks and balconies.
- **ECODEck Tm. Deck Tiles** come in several specie of hardwoods all of which are extremely resistant to splitting and water rot. All of our lumber is KILN dried 12-14% humidity which adds superior durability over softer woods and air dried lumber typically found in competing products.



## Uses

- 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 creative rooftop decking environments
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- Residential decks over cracked concrete patios & on-grade
  - Decking and landscaped areas on streets and curbsides
  - Commercial decks, residential decks and retrofitted decks

### What is the cost of the Deck Tile system?

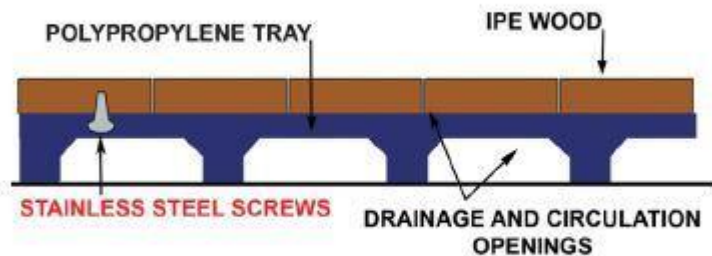
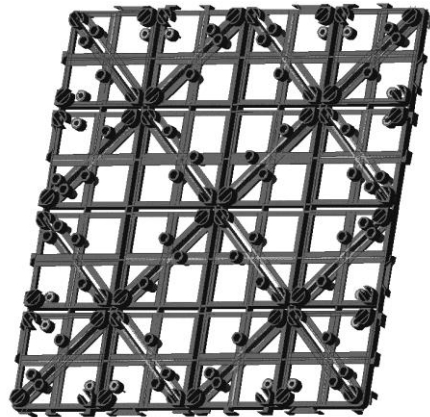
You can expect to pay \$8–\$12 per square foot for most hardwood deck tiles products. Add approximately \$1–\$3 per square foot for installation labor.

### Specifications:

#### 1) ECODeck, SNAP DECK, NATURETEAK and Composite Deck Tiles Tm.

- 32 mm Total Deck Tile thickness
- 17 mm lumber, 15 mm carriage frame
- 70 mm wood slat width
- Firm Flex Polypropylene UV Grid
- Fire retardant polymer injected base
- Secure Lock Interlocking frame base
- Precision cut high grade timber
- Double sanded 12-14% humidity

#### SECURELOCK tm.Polyethylene Interlocking Tray



**SYSTEM DETAIL**

**Curupay 1x1 or 1x2 panels (SecureLOCK tm. grid)**



**Ipe 1x1 or 1x2 foot panels (SecureLOCK tm. grid)**



**Masaranduba Balau (SecureLOCK tm. grid) (tigerwood) available in 1x1**



**NatureTeak available 1x1 (SecureLOCK tm. grid)**



**Composite Deck Tiles (SecureLOCK tm. grid)**



Available in **3** colors

**Slate/Sandstone Interlocking Panels 1x1 only (SecureLOCK tm. grid)**



## Sustainably sourced Hardwoods



- 1) All of the hardwoods we purchase to produce our hardwood products are harvested in accordance with the Bolivian Government's sustainability forestry program. The ABT Forestal is the Bolivian agency of forests. All of our lumber has this sustainable stamp of approval and has proven to be one of the most stringent sustainability programs under Evo Morales (considered Bolivia's greenest president in the history of the country). This program is endorsed by the Nature Conservancy, World Wildlife Fund and the Rainforest Alliance. It is now endorsed by environmentalists across the globe. The ABT and the BOLFOR program through grass roots deployment has proven to be one of the best in the world in preventing the export of illegal logging. We believe this program that supports small sustainable logging operations is far better than the large scale FSC process endorsed in Brazil and other South American countries which are riddled with problems and corruption. In fact the FSC is so inconsistent we specifically choose not to import FSC hardwood products.
- 2) Efficiency in using genuine hardwood lumber. We buy the shorts and make a beautiful product with wood that would typically be discarded or sold for charcoal production. When comparing our tiles to traditional deck building the lumber use is about half for the same floor coverage. The difference between conventional decking and Eco Decking Tiles, in terms of USAGE of timber is vast: For 100 m<sup>2</sup> of decking, conventional decking uses in terms of area a total of 100m<sup>2</sup>, our product has a 5-mm gap between each wood slat, therefore in terms of area, it uses 92.32 m<sup>2</sup> of timber. However in terms of volume, there is an even larger difference, for 1" thick conventional decking, the total m<sup>3</sup> used for the same 100m<sup>2</sup> of decking is 2.54 m<sup>3</sup>, because our product uses a 15-22mm thick lumber, the m<sup>3</sup> usage of timber is 1.04m<sup>3</sup> far less lumber for the same coverage. Nothing is compromised in quality or looks for using less lumber.
- 3) Products that are re-usable are green in our opinion. This is a term used for materials that do not go to a landfill once used for many years but rather can be picked up and used elsewhere. Our tiles can be removed and relocated to your new home or project. This not only protects your investment in the material but ensures future use of the material in another living space in the future. In fact even tiles that are over 20 years old can be used as siding or other projects as reclaimed lumber. Ipe and other hardwoods will never rot and can always be used again.
- 4) Bottom line is **carbon footprint**, even after our product has travelled the world to arrive on your project site, the longevity, the re-usability and the fact this material prevents the existing surface from being removed makes up for the energy used to get the material to you. We have removed old Ipe decks to re-purpose the lumber for interior flooring or rustic siding. Just look at the Atlantic city boardwalk. Ipe was used to create this magnificent boardwalk over 50 years ago, last year it was finally removed and flooring companies all over the country clamored to get a piece of it only to re-finish the wood and use it for interior flooring.



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 for pickup

Eco Arbor Designs **West** Coast 29125 Avenue Paine Valencia, CA 91355

Eco Arbor Designs **East** Coast 889 Waverly Avenue Holtsville, NY 11742