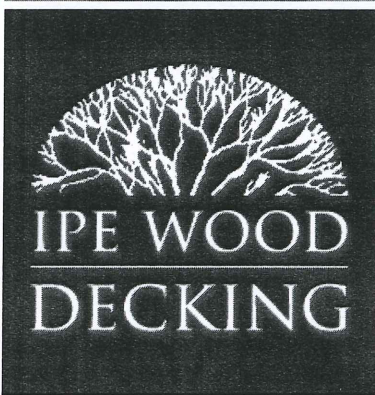
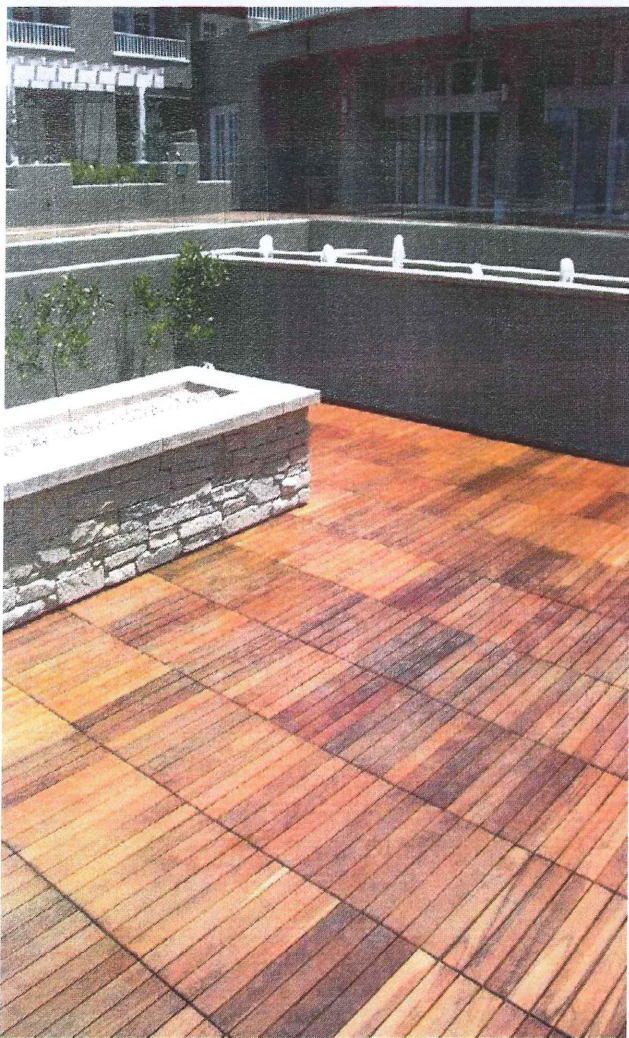
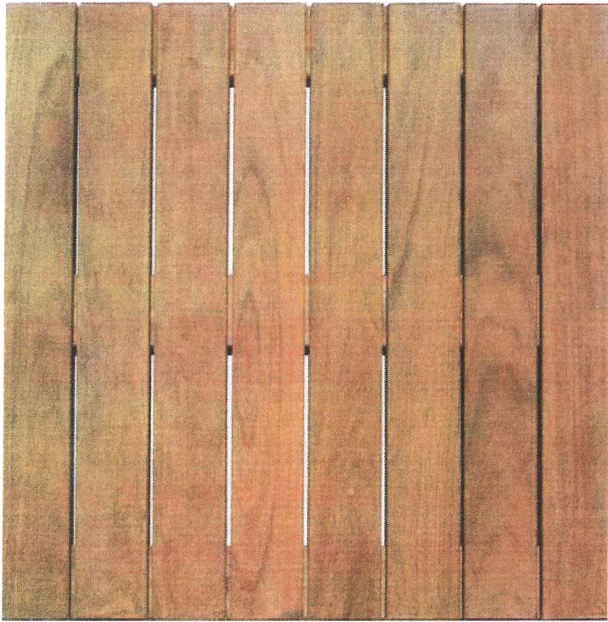


Tile Tech IPÊ-Tile™

Paving America one step at a time!



MANUFACTURER OF IPÊ WOOD TILES & ADJUSTABLE PEDESTAL SYSTEMS

**DIMENSIONS:**

- 20" x 20" x 1-1/2"
- 24" x 24" x 1-5/8"
- 24" x 48" x 1-5/8" (Custom Size)

SURFACE:

- Smooth
- Grooved

WEIGHT:

- 5.75lbs per SqFt *LIGHT WEIGHT!*

FIRE RATING:

- Class A
(ASTM E108-07a Spread of Flame)

HARDNESS:

- 3,680 lbs (Janka Rating)

Tile Tech's IPE Wood paving tiles are designed for constructing raised wood decks over exterior surfaces such as rooftops, terraces and plazas, in both residential and commercial applications.

Our IPE Wood Tiles are constructed from kiln dried 1x3 IPE wood face slats secured to 3 IPE wood support runners (battens) using corrosion resistant stainless steel screws. Due to their high structural strength, dimensional stability and low flexing, Tile Tech's IPE paving tiles are specifically designed for installation on our pedestal supports, enabling decks with a perfectly horizontal surface to be built over sloping or irregular surfaces. Pedestals can be either fixed height or adjustable for slop compensation. The Pedestal System provide a broad footprint that can easily be installed and placed directly on top of roofing and waterproofing systems with no insulation.



Smooth Surface Structural IPE Deck tiles is our most popular tile and exceeds the Americans with Disabilities Act requirements for Static Coefficient of friction in a wet environment (ASTM-C1028-89)



Grooved Surface Structural IPE Deck tiles provide the highest slip resistance for wet climates. often specified when added slip resistance is desired but not required.



Sealed or Weathered IPE Deck Tiles can be sealed to maintain its natural beauty or it can be allowed to weather to a beautiful silver gray. To retain the rich color, an oil based finish with ultraviolet inhibitors is recommended.



Structurally constructed with 7/8" thick boards for extra strength and resistance to flexing. A slot cut in the corner of each tile enables a special washer to be inserted and invisibly screwed to the top of the pedestal, thus locking down the tiles and ensuring a safe, secure and level surface.



Weathered

Waxed

Varnished

HYBRID



Adjustable Pedestal System

The Tile Tech Pedestal System is designed for concrete pavers or IPE Wood Tiles to lay level over a built up roof. The substrate can be either concrete or wood structure, with a roof membrane over the top.

Our new Hybrid Pedestal™ System consists of 7 standard components and off-the-shelf, 4.215" diameter SDR-35 PVC pipe. The PVC pipe allows the pedestal system to vary in height up to 22+ inches and is cut to the desired height using 12" chop saw. The Uni-Base is then "press fit" on to one end of the PVC pipe and a Uni-Collar on to the other end and require no gluing or other attachments. Either 3/4" or 1-1/2" Uni-Insert is then screwed in to the Uni-Collar allowing for fine height adjustments. The assembly is completed by aligning and locking the Uni-Cap with the Uni-Insert. The Uni-Cap features include built-in self-leveling and removable 1/8" spacer tabs for proper paver spacing and joint alignment.



Stackable caps allow for minor height adjustments from 1/2" up to 6" and can compensate for slopes of 0% to 3% by aligning the built-in slope compensator of one cap relative to another. *Simple, easy and affordable!*



Single model design allows for all height applications from low as 1/2" and as high as 22" resulting in reduced labor and material cost.

Eliminates leftover parts and pieces!



PVC pipe adjustment allows the pedestal system to vary in heights up to 22+ inches by using off-the-shelf 4"Ø SDR-35 PVC pipe available everywhere. *Eliminates material & shipping cost!*



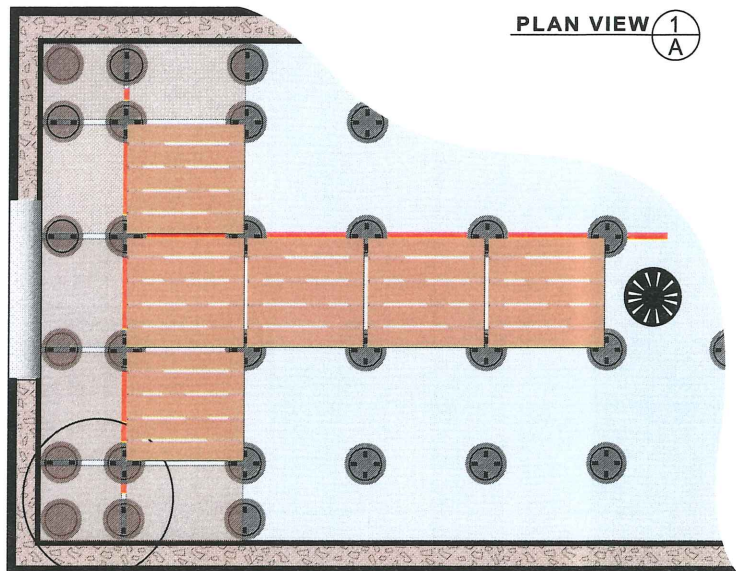
Screw adjustment allows for quick and easy fine height tuning for an additional 3/4" or 1-1/2" depending on model size of UNI-INSERT™ used. *Eliminates having to cut pipe exactly!*



Self-Leveling head allows for slope compensation of 0% to 6% in any direction. Allen or Hex key will allow for leveling while loaded with pavers. *Eliminates having to remove pavers to make adjustments!*



1. In a typical installation do not start first row of pavers at perimeter wall, instead begin installation of full pavers at the second row in the roof field.
2. Mark perpendicular guidelines on substrate surface to ensure square layout.
3. The first height of the pedestal is then determined and PVC pipe is cut with a standard 12" shop saw to the required height, less 3/8" for bottom base and collar insets plus buffer pad. The Uni-Insert will provide an additional 3/4" or 1-1/2" of height depending on the model size used.
4. Install initial pavers along guidelines forming a "T" pattern. Install remaining field pavers out from "T".
5. Perimeter pavers are installed last and normally cut and less than full size to ensure proper layout and fit. Pedestal spacer tabs can be removed in order to position pedestals at perimeter just tangent to wall.
6. Any section of the roof that receives concrete pavers that is not restrained by an abutting wall or parapet must be "boxed in" by some field installed restraint. No movement should be allowed at the perimeter of a paver system.



A step above the rest...

Quick water drainage. The gap between and under Tile Tech IPE Tiles™ allows for rapid water discharge on to substrate surface.

Concealment of utilities, pipes and drains. The void between the IPÉ Tile and membrane can be used to accommodate pipes and services including drains, but retain easy access for maintenance and repair.

Thermal insulation & protection. The void between the paving and membrane encourages constant air circulation, extending the life of the waterproofing and improving heat insulation in addition to protecting the substrate surface from UV degradation.

Level paving & significant less weight. With no requirement for special surface preparations, such as sand or aggregate bedding the floating system provides a level, light weight solution, allowing structures to be built with less loading on structure and at substantially lower cost.

