



skydeck

USA

rooftop patios. simply done.

skydeck usa product catalogue

Cori Eagan



Tier 1 - Diamond Cut Gray



Tier 2 - Standard Aggregates



Almond



Ginger



Meteor



Wheat



Light Gray



Speckled Gray



Medium Gray



Dark Gray



Salmon



Sedona



Merlot



Speckled Brick

skywalk pressed concrete sizes & technical data



Property	Value	Test Methods
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Pavers	Hydraulically Pressed Pavers	ASTM C936
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Composition	Aggregates & Cement Limestone, Water, Sand No Chemicals or Agents	ASTM C936
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Unit Weight	90 pounds	ASTM C936
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Concrete Properties

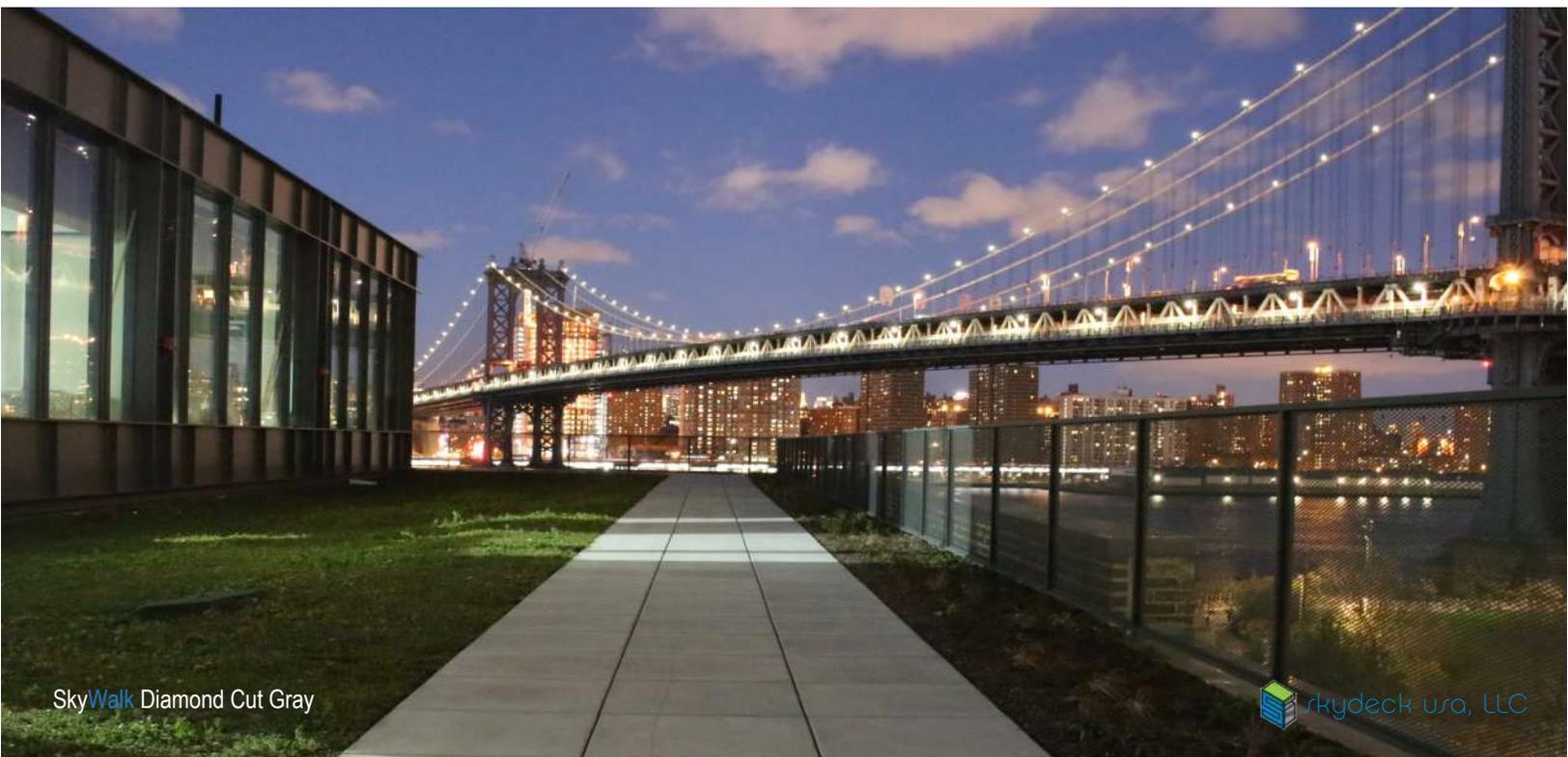
Compressive Strength (minimum)	8,500 psi	ASTM C140/C1491
Flexure (minimum)		

Water Absorption (maximum)	Less than 5%	ASTM C140
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Freeze/Thaw Resistance	50 Cycles	ASTM C67
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Wet DCOF (dynamic coefficient of friction)	.80	ANSI A137.1
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PAVER SIZE AND THICKNESS OPTIONS		
SIZE	THICKNESS	
ACTUAL SIZE	MINIMUM	MAXIMUM
11-3/4" x 11-3/4"	1-1/4"	3"
11-3/4" x 23-1/2"	1-1/4"	3"
11-3/4" x 36"	1-1/2"	3"
12" x 36"	1-1/2"	3"
14-1/2" x 14-1/2"	1-1/2"	3"
14-5/8" x 29-5/8"	1-1/2"	3"
15-3/4" x 15-3/4"	1-1/2"	3"
15-3/4" x 23-5/8"	1-1/2"	3"
17-5/8" x 17-5/8"	1-1/2"	3"
17-5/8" x 23-1/2"	1-1/2"	3"
17-5/8" x 35-3/8"	2"	3"
18" x 18"	1-1/2"	3"
23-1/2" x 23-1/2"	1-1/2"	3"
23-1/2" x 29-1/2"	2"	3"
23-1/2" x 35-3/8"	2"	3"
23-1/2" x 47-1/2"	2.5"	3.5"
23-3/4" x 23-3/4"	1-1/2"	3"
24" x 24"	1-1/2"	3"
29-1/2" x 29-1/2"	2"	3"
29-3/4" x 29-3/4"	2"	3"
35-1/2" x 35-1/2"	2-1/2"	3"
47-1/2" x 47-1/2"	2-1/2"	3.5"



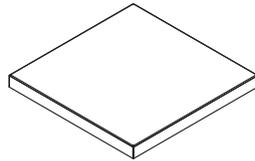
SkyWalk Dark Gray



SkyWalk Light and Medium Gray

Skywalk Concrete Pavers Provide Many Benefits Including:

- Durable, long-lasting product
- Minimal maintenance required
- Beautiful, architectural style
- Lengthens roof membrane lifespan by stopping harmful UV rays
- Seamlessly integrates with green roof features
- Roof components below pavers are easily accessible
- Utilizes previously unusable space



SkyWalk – Sedona, Speckled and Dark Gray

Why Use SkyJack Pedestals?

- They are the **safest, fastest and simplest** way to create a rooftop patio
- **Compatible with most flooring options**, including concrete pavers, deck tiles, porcelain and framed wood or composite decks
- **Create a level patio** on top of roofs with up to a 7% slope
- Skyjack pedestals rest on top of the roof without penetrating it to **protect the roofs waterproof integrity**
- They ensure uniform spacing between pavers to **allow water to flow unimpeded** to the drains below
- Smooth bottom ensures that rough concrete or wood materials **will not damage the roofing membrane**
- Can be installed to **accommodate the specific warranty** requirements of virtually any roofing system
- Pavers can be **quickly and easily removed** to access the roofing system for inspection, service and leak repair
- SkyJack Pedestal System helps to protect the roof from UV, hail and wind damage and can **double the life expectancy of the roof** beneath

skyjack pedestals

fast. simple. economical.



[*Click here to view our pedestal intro video](#)



skyjack pedestal sizes



SD-00 .25"
Stackable
Pedestal



SD-0.5
.6"-1.25"
Adjustable
Pedestal



SD-01
1.25"-1.75"
Adjustable
Pedestal



SD-02
1.75"-2.75"
Adjustable
Pedestal



SD-03
2.75"-4.75"
Adjustable
Pedestal



SD-04
4.75"-8.5"
Adjustable
Pedestal



SD-XL
5.9"-13.75"
Adjustable
Pedestal

skyjack pedestal accessories



1/16" Rubber Shims ensure tiles are flush at each corner of the pedestal



8" Extender to add height to SD-XL pedestal. Stack up to 3 extenders for pedestal heights up to 38"



Self-Leveling Heads accommodate slopes up to 7% and simply snap on top of any pedestal SD-01 through SD-04



Joist Adapters allow a deck joist to be screwed onto the pedestal for building elevated wood or composite decks



Intended Uses:

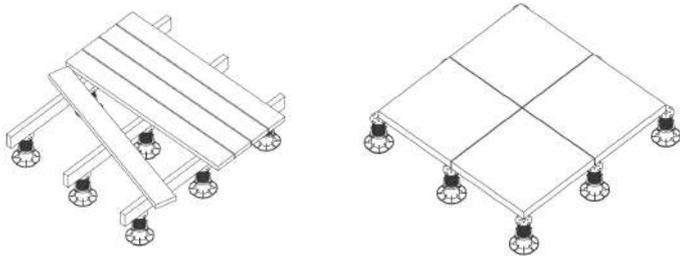
SKYJACK adjustable pedestals are used to support raised rooftop terraces to create level patios on top of roofs that slope up to 7% taking once wasted rooftop space and making it a showcase space for any building. SKYJACK adjustable pedestals can also help eliminate more expensive patio supports like steel or wood frames with a weight bearing capacity of 2,150 lbs. per pedestal.

Application:

SKYJACK pedestals are uniquely designed to achieve perfectly level patios with the easy twist of our screw ring. Set up your laser level, place pavers or decking on top of the pedestals and twist until level. Simple, easy and perfect results every time.

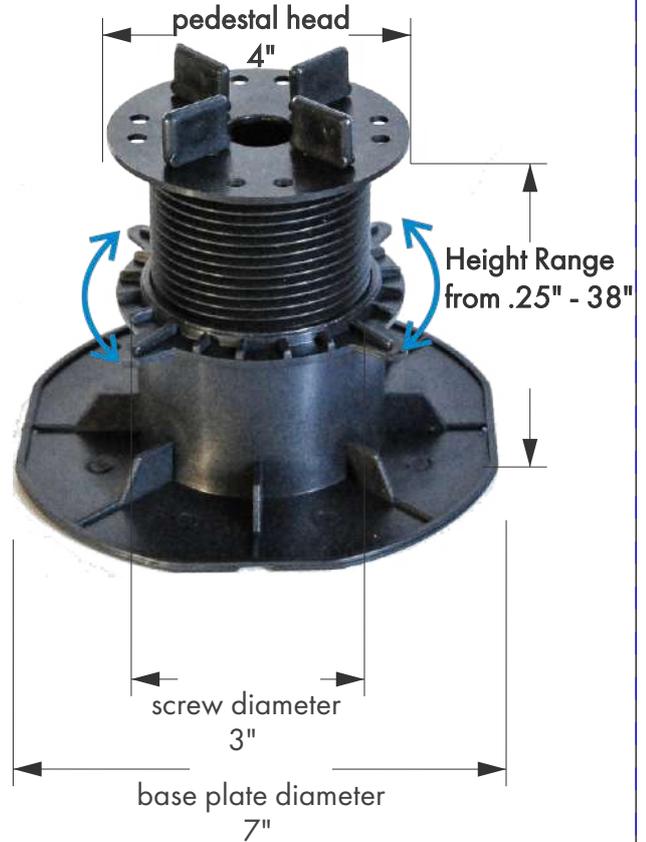
Calculating # of Pedestals ([click here for an automatic product calculator](#))

1. Calculate the total # of pavers (ie - 46 pavers)
2. Calculate the total # of pavers needed around the perimeter and divide by the width of the paver (typically 2') (ie - 26 - 2'x2' pavers, so $26/2 = 13$)
3. Add the totals together ($46 + 13 = 59$)
4. Add 5% for waste ($59 * .05 = 2.95$)
5. $59 + 3 = 62$ pedestals needed



**SKYJACK pedestals can be used with any size or shaped materials including decking and concrete pavers. Simply remove spacer tabs and re-position in the holes that provide appropriate spacing

SKYJACK adjustable pedestal system
by skydeck usa



- 1 wide, stable base
- 2 screw ring for height adjustment
- 3 head with screw
- 4 removable spacer tabs

Material: Fully Recyclable High Density Copolymer Poly Propylene (HDCPP)



Temp. Range:

-20 to 200 degrees farenheit

Weight Capacity:

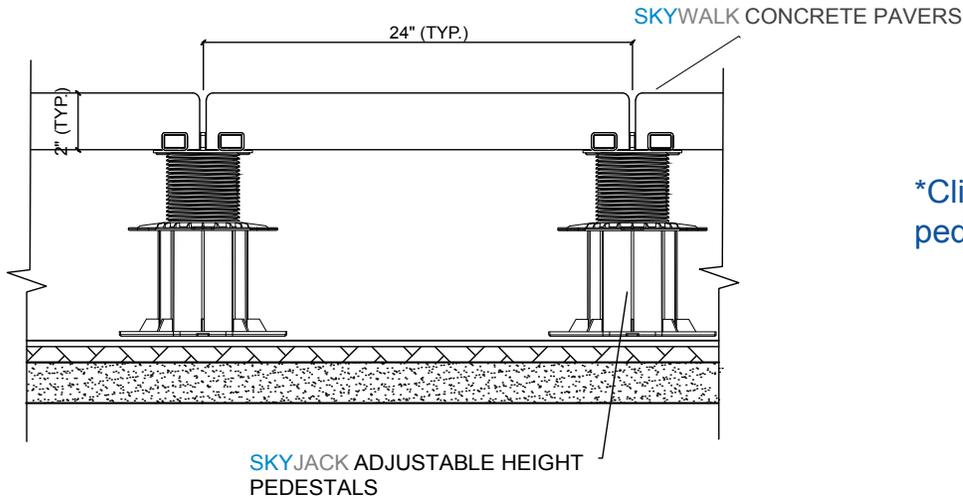
2,150 lbs per pedestal

Atmospheric Conditions:

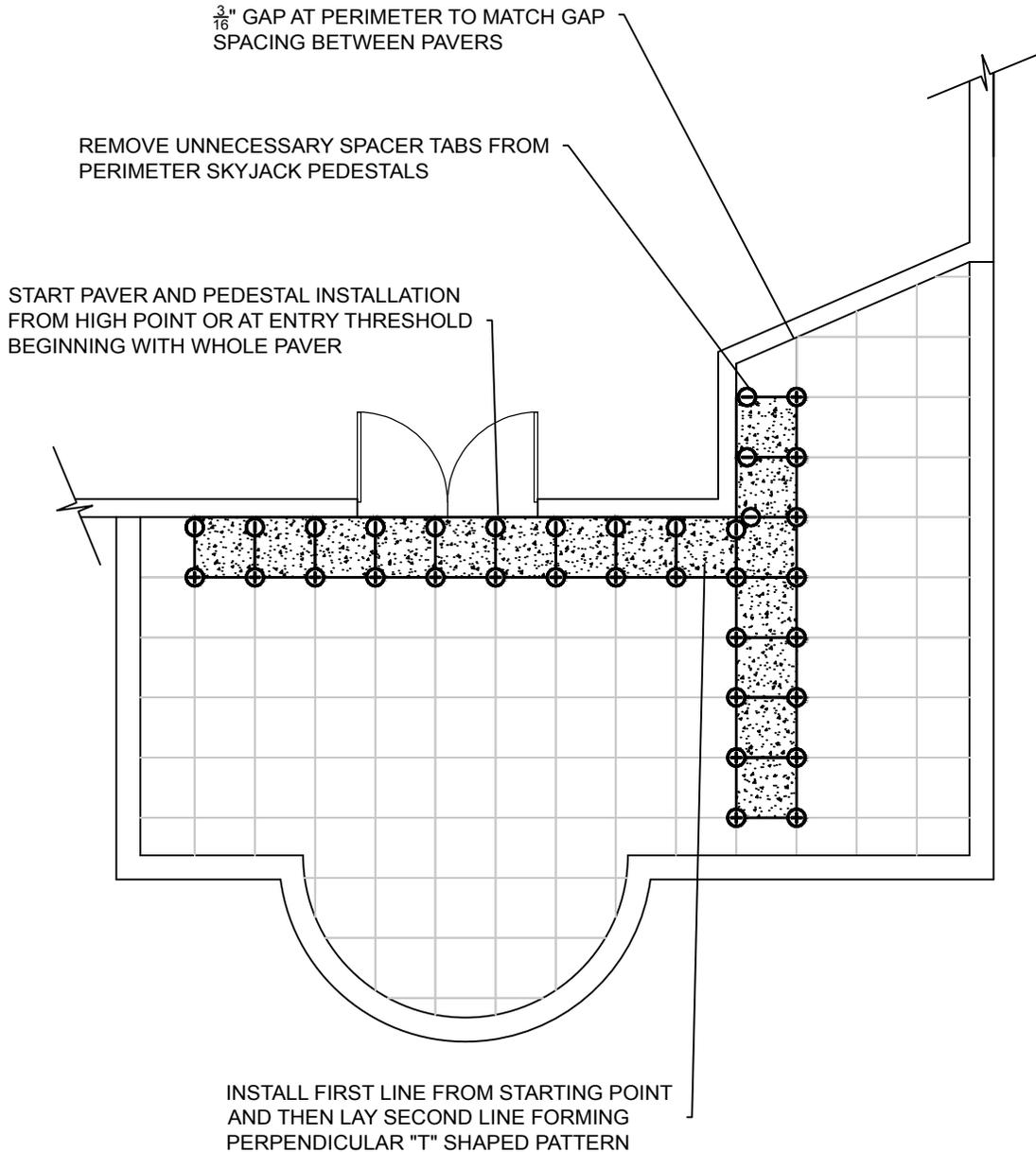
Resistant to UV Radiance, Aging and Decay



skywalk paver installation on pedestals



[*Click here to view our pedestal installation video](#)



SKYWALK DECK SYSTEM



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Structural wood deck tiles are 24" x 24" (nom.) prefabricated panels of 13/16" Brazilian hardwood slats screwed to three solid wood support battens with stainless steel screws. This results in a tile with exceptional strength, durability and resistance to flexing.

They are available in: Ipe, Cumaru, Massaranduba, and Patagonian Rosewood. We can provide FSC Certified wood pavers in: Ipe, Cumaru, Massaranduba and Canary Wood.

Structural wood tiles are specifically designed to be used with SkyJack stackable or adjustable height pedestals for construction of elevated decks on rooftops or decks over sloping or uneven surfaces.

Structural wood tiles can be used for most commercial or residential applications including rooftop decks, elevated terraces, plazas, and other large exterior spaces.

Our structural wood tiles are exclusively constructed from Brazilian hardwood, not just because of its exceptional durability and hardness, but because of its stability across a broad temperature and humidity range and resistance to twisting and warping.



CHARACTERISTICS OF BRAZILIAN HARDWOODS

- Highly resistant to termites, decay and mold
- Very hard and dense
- Wear resistant and scuff resistant
- Class A fire rating
- High bending and shearing strength
- Resists warping and twisting
- Weathers without splintering
- Lower maintenance than less dense species



SPECIFICATIONS



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Tile size	23 7/8 in x 23 7/8 in
Covered area	24 1/8 in x 24 1/8 in (1/4 in spacers)
Custom sizes.....	48 in x 24 in size available on request
Tile height	1 11/16 in
Wood thickness.....	13/16 in
Slats per tile	8
Width of slats	2 7/8 in
Slat spacing	3/16 in approx.
Ends & sides finish.....	S4S E4E (radius 1/8 in)
Tile weight	23.5 lbs
Surface finish.....	Ends waxed with paraffin, slats with machined finish, and wood not coated with oil
Common name	lpe
Botanical name	Tabebuia sp.
Color.....	Typically reddish brown color, but can vary from olive brown to blackish, often with lighter or darker striping
Grain.....	Fine to medium texture, grain always interlocked, sometimes very highly oily looking
Density @ 12% moisture.....	1050-1180 kg/m ³
Durability.....	Class A
Fire rating	Class A
Hardness (Janka).....	3680 (very hard)
Resistance to decay and insect attack	Resistant to attack by decay fungi and termites — Not resistant to marine borers
Modulus of rupture.....	170 MPa
Modulus of elasticity	21 GPa
Maximum crushing strength.....	94 MPa
Shrinkage	7% tangential, 6% radial — 1.2 tangential/radial shrinkage ratio



INSTALLATION



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INSTALLATION ON ADJUSTABLE PEDESTALS

For installation on adjustable pedestals, it is very important that the structural integrity of the tile is maintained when cutting edge tiles. This may require relocating one (or two) of the support battens and re-attaching these to the slats from the underside of the tile. It may also be necessary to drill and countersink additional holes when re-inserting screws.

It is also important that an adequate number of pedestals are used around the perimeter of the paved area, and that the perimeter is bounded by a low wall or some other restraining structure to prevent the tiles from moving.

We offer a range of adjustable height pedestals for use with our wood structural pavers, ensuring that they meet specified needs or requirements, taking into consideration weight loading, height, ease of installation and overall cost.

INSTALLATION ON GRADE

If installing solid wood pavers over a firm substrate such as concrete, we do not recommend laying them directly on the substrate, for the following reasons:

- If wood is allowed to remain in contact with water for extended periods, it may result in some swelling of the bearers and possibly temporary warping or twisting of the wood slats.
- Unless the tiles are all laid parallel to the slope (and not in an alternating checkerboard pattern), the bearers on the underside will prevent water flowing freely underneath the tiles.
- If the substrate is slightly uneven, the pavers could “rock” on the surface, or one or more of the edges may protrude, creating a potential tripping hazard

For best results we thus recommend laying the tiles on SkyJack stackable or adjustable pedestals (as low as 1/4” elevation) installed at each corner.

Our structural wood tiles are supplied without any factory applied oil coating. We strongly recommend that tiles are coated with a good quality decking oil as soon as practical after installation to maintain the attractive color of the wood as long as possible, reducing the rate at which the wood will weather naturally to a silvery grey color.



MAINTENANCE



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Our structural wood tiles are constructed exclusively with Brazilian hardwood, which is noted not only for its stability in service but also its long life, hardness, excellent weathering properties and resistance to insect attack. Therefore the tiles can be expected to maintain their attractive appearance over a long period with minimal ongoing maintenance.

APPEARANCE

Brazilian hardwood typically exhibits variation in both color and grain which can vary both from tile to tile and within the individual slats of a single tile. These variations add to the character and overall appearance of the finished project.

STORAGE

If the tiles have been supplied on a pallet with stretch wrapping, all the plastic wrapping should be removed and the pallet left in a shaded or covered position out of direct sunlight, until the tiles are installed.

SEALING

As supplied, the wood tiles do not have any sealer or decking oil applied to the surface. However a wax is applied at the ends of the slats to minimize slight cracking or checking. If the tiles are not coated with any sealer or decking oil after installation and left to fade naturally, slight “bleeding” of the wax on the ends may give the appearance of water staining on the ends of the wood slats.

We always recommend applying a good quality sealer to the tiles as soon as practical after installation which can not only reduce the rate of fading but can to some extent help to mitigate loss of moisture on the top of the wood slats which in turn can minimize checking (small cracking) and splitting. Note that a small amount of checking and splitting can be expected as a natural occurrence in the natural weathering process.

MAINTAINING TILE COLOR

The rate at which the wood color fades will occur depends largely on the degree of exposure to direct sunlight, the climatic conditions and the frequency at which any preservative treatments are applied (ie: Ipe tiles will fade naturally to a silvery grey color if exposed to UV in sunlight).

To slow this natural fading effect and to keep the appearance of the tiles in their optimum condition, as soon as convenient after installing the tiles, we strongly recommend a good quality decking oil is applied with a brush or roller. Decking oils which contains trans-oxide pigments or other proprietary UV absorbing or reflecting compounds and have a high solids content are preferred for longer term results and extended periods between applications of the decking oil/sealant. These specialized products will help maximize the durability, beauty and value of your decking tiles and assist in maintaining the original wood color as long as possible. Some proprietary products will also provide additional protection against mold and mildew.

PERIODIC CLEANING

From time to time, it may be necessary to use a commercial cleaning product to both clean the surface of the deck and kill mold spores. Deck brightening products may also used, providing you carefully test the product in an inconspicuous area to ensure that it will achieve the results you require.

PRESSURE WASHING

A pressure washer may also be used to remove any built-up dirt, mold or mildew from the surface of the tiles. Although Ipe wood is an exceptionally hard and dense species, we

recommend that you first test the pressure washing on an inconspicuous area.

