

PEDRA HARDWOOD DECKING INSTALLATION

Always confirm requirements under local building codes before proceeding.

We highly recommend hidden fastening systems to enhance the appearance of your new *Pedra Hardwood Decking*.

If fastening through the face is required, stainless steel screws are recommended. It may be necessary to pre-drill holes if self-tapping screws are not used. Fasteners within 2” of the end of a deck board should have a hole pre-drilled.

A 3/8” gap should be left between the sides of the deck boards to account for expansion of the *Pedra Hardwood Decking*.

The “Pedras” in *Pedra Hardwood Decking* will disappear if the deck is left unfinished. The ”Pedras” may disappear with some finishes.

Finishing - *Pedra Hardwood Decking* can be finished using most high quality exterior deck finishes. Follow the manufacturer’s instructions. We recommend sanding the face surfaces prior to any finishing. On new installations of *Pedra Hardwood Decking* we recommend coating all four sides.

***Pedra Hardwood Decking* may get small checks in some pieces with wet/dry changes.**

Grain may raise in any wood product with high moisture levels. Sanding or traffic will easily correct this issue.

See the back of this page for technical properties

Pedra Hardwood Decking Technical Properties

Scientific Name: Hymenolobium excelsium

Family: Leguminosae

General Characteristics

Color: red chestnut

Direction: Grain is straight to interlocked

Texture: average, rather coarse and uneven texture

Taste: indistinct

Smell: mild, unpleasant

Density at 15% moisture content = 1090 Kg/m³

	Green	Dry	English	Green	Dry	Metric
Bending Strength	14580	17573	Psi	1025	1236	Kg/cm ²
Crushing Strength	1350	1690	Psi	95	119	Kg/cm ²
Max. Crushing Strength	17573	7440	Psi	1236	523	Kg/cm ²
Stiffness	1940	2040	1000 psi	136	143	1000 kg/cm ²
Hardness		1720	Lbs		780	Kg
Shearing Strength		2005	Psi		141	Kg/cm ²
Toughness		203	Inch-lbs		234	Cm-kg
Specific Gravity	0.63			0.63		
Weight		47	Lbs/ft ³		753	Kg/cm ³
Density (Air-Dry)		47	Lbs/ft ³		753	Kg/cm ³
Radial Shrinkage		4.4	%		4.4	%
Tangential Shrinkage		7.1	%		7.1	%
Volumetric Shrinkage		10.2	%		10.2	%

Natural Durability: Durable in contact with the ground.

Treatability: difficult due to impermeability of wood

Processing Characteristics

Surfacing: regular - Finishing: good - Fixing: regular