

FORESTIA

CUMARU DECK

Dimensions:

19 x 110 mm / 6 feet and larger
20 x 100 mm / 6 feet and larger
21 x 130 mm / 6 feet and larger
25 x 140 mm / 6 feet and larger
Other sizes and qualities available upon request.

Physical properties of the wood:

Basic Density:

1100 kg/m³

Volumetric shrinkage:

13.5%

Density at 12%:

970 kg/m³

Radial shrinkage:

5.40%

Tangential shrinkage:

8.4%

T/R Relation:

1.6

Technical conditions for processing:

Workability:

Moderately easy to process.

Preservation:

Apply TWP impregnating liquid, oil-based, immediately after installation, following application instructions.

Durability:

Highly durable.

Recommendations and maintenance:

It is recommended to use a framing system with the same durability as Cumaru to achieve similar longevity. Aluminum and steel frames should be installed by specialists.

More than 80% of residential horizontal construction in the United States, Canada, and Europe is done with wood and decks installed and structured with treated pine battens. SCREWWOOD is also recommended for structuring the frames.

Do not use varnishes, enamels, acrylic coatings, or epoxy that may crack on the deck.

Periodic oiling with TWP is recommended as needed.

Moisture content of the product:

10 - 14%

Scientific name

Dipteryx odorata

Mechanical resistance

Elastic modulus: 183 x

1000 kg/cm²

Modulus of rupture:

1764 kg/cm²

Radial cut:

2 24 kg/cm²

E.R. parallel compression:

987 kg/cm²

Janka hardness (lateral)

12 - 16 KN

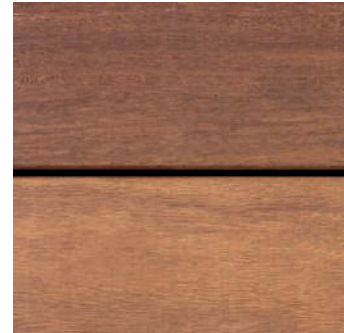
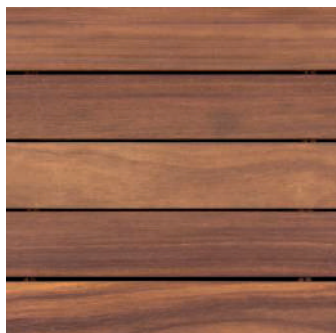
Brinell hardness (lateral)

45-58 N/mm²

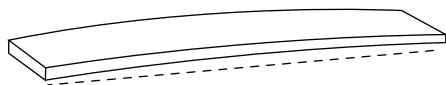
CUMARU DECK

The wood used for our CUMARU deck corresponds to the heartwood of the trunk. The sapwood content in a board is less than 2%, which results in high durability, better stability, consistent hardness, and greater resistance to insect attack.

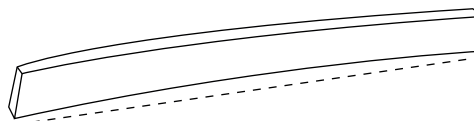
1. Allows for changes in color and different grain patterns.
2. Allows closed knots with a diameter less than 1½.
3. Allows for warping or cupping that can be corrected with presses during installation.
4. Paraffin application at the ends to prevent cracking.
5. Allows for moderate warping that can be straightened during installation.



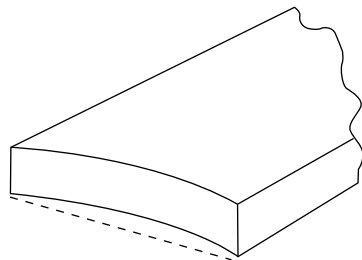
Types of warping:



FACE CAMBER



EDGE CAMBER



CROWNING
OR WARPING



TWIST

Warranty

No claims will be accepted for improper installation and/or storage. All woods and decking species are a natural, living product that undergoes structural alterations, warping, or twisting, and they move when not properly secured. If not maintained periodically with preservatives, they may crack and split. The quality of our deck is select, grading the best side of the board. Its color changes due to sunlight, darkening over time; therefore, this product does not come with a guarantee or return once the material is accepted.

It should be noted that Grupo Tenerife only supplies the deck and does not intervene in any installation process; therefore, we cannot be held responsible for installations performed outside these specifications.

Claims due to lack of maintenance will not be accepted.

Natural origin materials have variations in color and grain.

For more information: 800 377 9000

grupotenerife.com