

THERMORY®

Our Benchmark radiata pine products undergo intense thermal modification. It makes the radiata pine more durable and stable while emphasizing its warm golden-brown color and characteristic wood pattern. Each and every board is unique, with its own natural grain.

● Benchmark thermo-radiata pine has two grades available: Clear and Country.

● All our boards are graded by the better face.

● Like any other wood, the surface of Thermory products turns naturally gray over time. This process starts immediately after the products are installed and takes from a few months to

a few years, depending on the intensity of UV radiation. To reduce discoloration or restore dark color, Thermory boards can be protected by coating them with a UV-resistant pigmented finish (wax, stain, paint, mineral oil, etc.).

● To further improve its durability, we recommend treating the cladding on all four sides with oil or paint prior to installation.

Grading rules

Thermo-Radiata Pine



KNOT FREE



THERMALLY MODIFIED WOOD



DURABILITY



DIMENSIONAL STABILITY

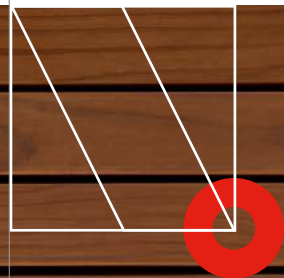


ECO-FRIENDLY / CHEMICAL-FREE PROCESS



● CLASS 2

 **BENCHMARK**
by THERMORY®



GRADED BY
THE BETTER FACE

HIT&MISS	
FEED-ROLLER MARKS	
WANE	
MECHANICAL DEFECTS	
SURFACE CHECKS	
SHAKES	
RING SHAKE	
END SPLITS	
KNOT HOLE	
BARK KNOTS	
DEAD / BLACK KNOTS	
UN SOUND / BROKEN KNOTS	
KNOT SHAKE	
PIN KNOTS	

SORT: CLEAR



Better face	Back face
not allowed	unlimited
not allowed	unlimited
not allowed	max 1/5 of the width and 1/3 of the thickness of the board
not allowed	unlimited
up to 1 mm wide and 50 mm long	unlimited
not allowed	
not allowed	
up to 30 mm	unlimited
not allowed	
not allowed	unlimited
up to Ø 5 mm	unlimited
not allowed	unlimited
not allowed	unlimited
up to Ø 15 mm	unlimited

SORT: COUNTRY

Limited availability



Better face	Back face
allowed up to 300 mm from both ends	unlimited
allowed up to 300 mm from both ends	unlimited
allowed up to 300 mm from both ends	unlimited
allowed up to 300 mm from both ends	unlimited
unlimited	
allowed up to 300 mm from both ends	unlimited
allowed up to 300 mm from both ends	unlimited
unlimited	
If not disturbing visually	unlimited
unlimited	
unlimited	
unlimited	
unlimited	

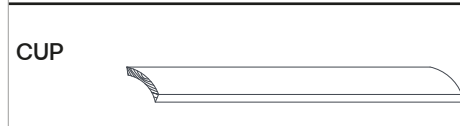
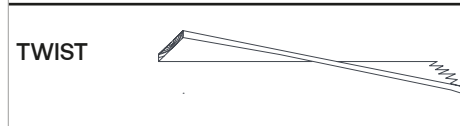
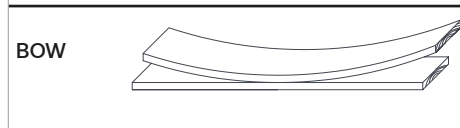
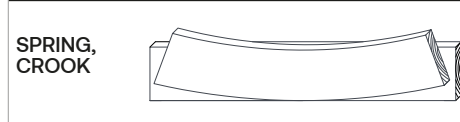
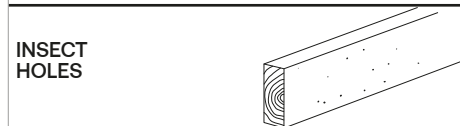
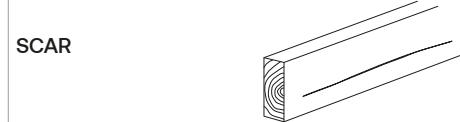
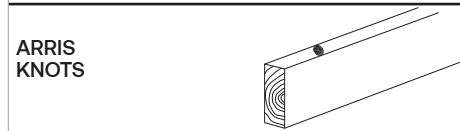
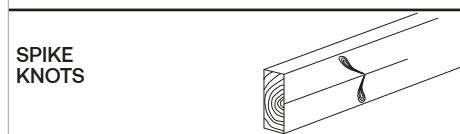
GRADED BY
THE BETTER FACE

SORT: **CLEAR**



SORT: **COUNTRY**

Limited availability



Better face

Back face

Better face

Back face

not allowed

unlimited

unlimited

not allowed

unlimited

unlimited

up to 1/2 of the thickness of the board

unlimited

up to 1/2 of the thickness of the board

unlimited

not allowed

unlimited

unlimited

not allowed

unlimited

unlimited

up to 200 mm²

unlimited

up to 200 mm²

unlimited

not allowed

unlimited

unlimited

not allowed

not allowed

not allowed

unlimited

unlimited

up to 300 mm²

unlimited

unlimited

allowed up to 7.5 mm per linear meter

allowed up to 2 mm per linear meter

allowed up to 5% per linear meter, has to be reversible during installation

allowed up to 1% of the width of the board

GRADED BY
THE BETTER FACE

SORT: **CLEAR**



SORT: **COUNTRY**

Limited availability



Better face

Back face

Better face

Back face

TOLERANCES

thickness: +/- 0.5 mm
width: +/- 1.5 mm
length: +/- 2 mm per linear meter

Last updated: August 2021.
All previous versions are null and void.

Up to 5% of the volume can be of lower grade.

All defects that are allowed on the back face and not limited by size are tolerated to the extent that does not jeopardize the integrity, usability and visual wholeness of the installed product.