

THERMORY®

Our Benchmark radiata pine products undergo intense thermal modification. This 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.



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 and frequency of precipitation.



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

Grading rules

Thermo-Radiata Pine



KNOT FREE



THERMALLY MODIFIED WOOD



DURABILITY



DIMENSIONAL STABILITY



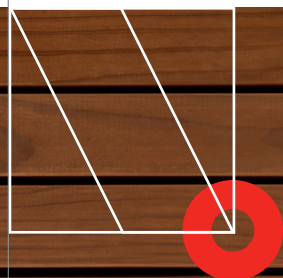
ECO-FRIENDLY / CHEMICAL-FREE PROCESS



CLASS 2



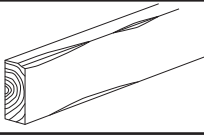
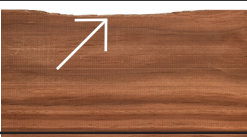




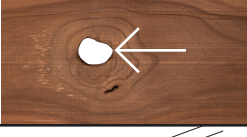
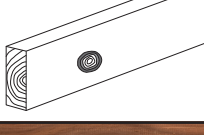
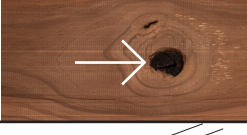
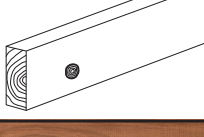




BENCHMARK
by THERMORY®



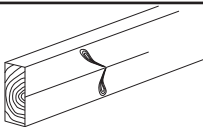
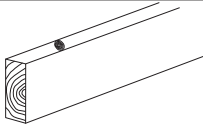
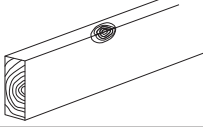
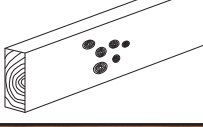



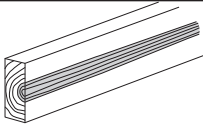
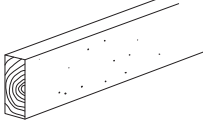





GRADED BY
THE BETTER FACE

SORT: **CLEAR** ↓

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	

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 1/32" wide and 2" long	unlimited
not allowed	
not allowed	
up to 1/8"	unlimited
not allowed	
not allowed	unlimited
up to Ø 3/16"	unlimited
not allowed	unlimited
not allowed	unlimited
up to Ø 9/16"	unlimited

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SPIKE KNOTS	
ARRIS KNOTS	
EDGE KNOTS	
KNOT CLUSTER	
PARTIALLY INTERGROWN KNOTS	
SCAR	
PITH	
BARK / ROT / MOULD	
INSECT HOLES	
RESIN POCKET	
SPRING, CROOK	
BOW	
TWIST	
CUP	

SORT: **CLEAR** ↓

Better face	Back face
not allowed	unlimited
not allowed	unlimited
up to 1/2 of the thickness of the board	unlimited
not allowed	unlimited
not allowed	unlimited
up to 5/16 in²	unlimited
not allowed	unlimited
not allowed	
not allowed	unlimited
up to 1/2 in²	unlimited
allowed up to 3/32" per linear foot	
allowed up to 1/16" per linear foot	
allowed up to 2% per linear foot, has to be reversible during installation	
allowed up to 1% of the width of the board	

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SORT: **CLEAR** ↓

Better face	Back face
thickness: +/- 1/64" width: +/- 1/16" length: +/- 1/16" per linear foot	

TOLERANCES

Last updated: September 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 they will not jeopardize the integrity, usability, and visual wholeness of the installed product.