

THERMORY®

Thermory Benchmark thermo-ash products undergo intense thermal modification. It makes the ash exceptionally durable (Class 1) and stable while emphasizing its warm dark-brown color.

• The final grade of Benchmark thermo-ash products corresponds to criterias as stated in this Grading Rules.

• All our boards are graded by the better face.

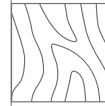
• Like any other wood, the surface of Thermory products turns naturally gray over time. This process starts immediately after the products are installed and

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.).

• Regular finishing prevents wood from cracking, ensures water and dirt repellency and creates a visually even tone.

Grading rules

Thermo-Ash



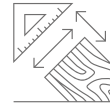
KNOT FREE



THERMALLY MODIFIED WOOD



DURABILITY



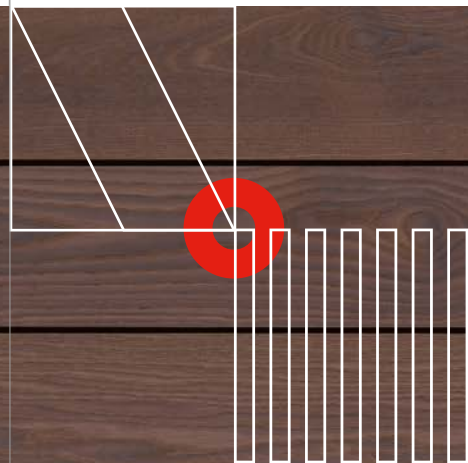
DIMENSIONAL STABILITY



ECO-FRIENDLY / CHEMICAL-FREE PROCESS

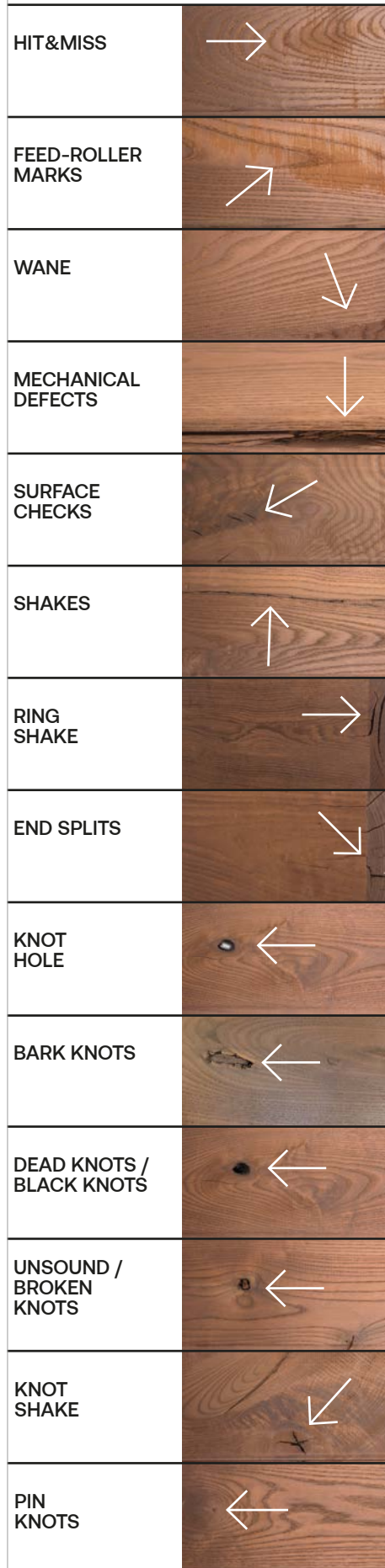


• CLASS 1



GRADED BY
THE BETTER FACE

GRADE: **SELECT** ↓

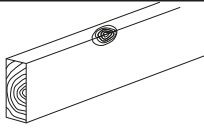


Better face	Back face
not allowed	unlimited
not allowed	unlimited
not allowed	max 1/5 of width and 1/3 of the thickness of the board
not allowed	unlimited
up to 1 mm wide and 50 mm long	unlimited
not allowed	
not allowed	
up to 30 mm	unlimited
not allowed	
not allowed	unlimited
up to Ø 5 mm	unlimited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

GRADED BY
THE BETTER FACE

GRADE: **SELECT** ↓

**ARRIS
KNOTS**



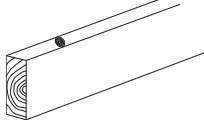
Better face

not allowed

Back face

unlimited

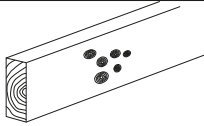
**EDGE
KNOTS**



allowed up to 1/2 of the thickness
of the board

unlimited

**KNOT
CLUSTER**



not allowed

unlimited

**PARTIALLY
INTERGROWN
KNOTS**



not allowed

unlimited

SCAR



up to 200 mm²

unlimited

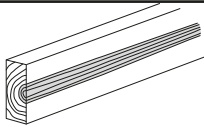
PITH



not allowed

unlimited

**BARK / ROT /
MOULD**



not allowed

**INSECT
HOLES**



not allowed

unlimited

**GLASS
WORM
MARKS**



unlimited

**SPRING,
CROOK**



allowed up to 7,5 mm per linear meter

BOW



allowed up to 2 mm per linear meter

TWIST



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

CUP



allowed up to 1% of the width of the board

GRADED BY
THE BETTER FACE

GRADE: **SELECT** ↓

Better face

Back face

TOLERANCES

thickness: +/- 0.5 mm
width: +/- 1 mm
length: +/- 1 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.