

Thermo-pine products undergo an intensive thermal treatment. This treatment makes the pine more durable (Class 2) and more stable, whilst bringing out its warm, golden-brown colour and characteristic knot pattern.

Thermopin is available in three grades: Natur, Rustic and Country.

All boards are classified according to their visible face.

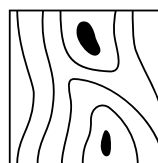
Like any other wood, the surface of Thermory products naturally turns grey over time. This process begins immediately after installation and lasts from a few months to a few years, depending on the intensity of UV radiation. To reduce discolouration or restore the dark colour, Thermory boards can be protected by applying a UV-resistant pigmented finish (wax, wood stain, paint, mineral oil, etc.).

Regular finishing prevents the wood from cracking, protects against water and dirt penetration, and creates a visually uniform tone.

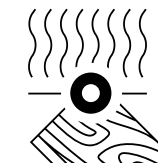
Pine is a knotty, low-density timber that is susceptible to indentations (from furniture, high heels, etc.)

Thermory products carry the Nordic Swan eco-label.

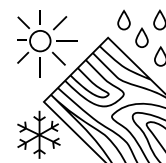
Wood bearing this eco-label comes from responsibly managed forests, contains no chemicals and offers excellent durability in outdoor conditions.



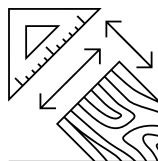
DISTINCT KNOT
PATTERN



THERMALLY
MODIFIED WOOD



DURABLE



DIMENSIONAL
STABILITY



SUSTAINABLE,
CHEMICAL-FREE
PROCEDURE



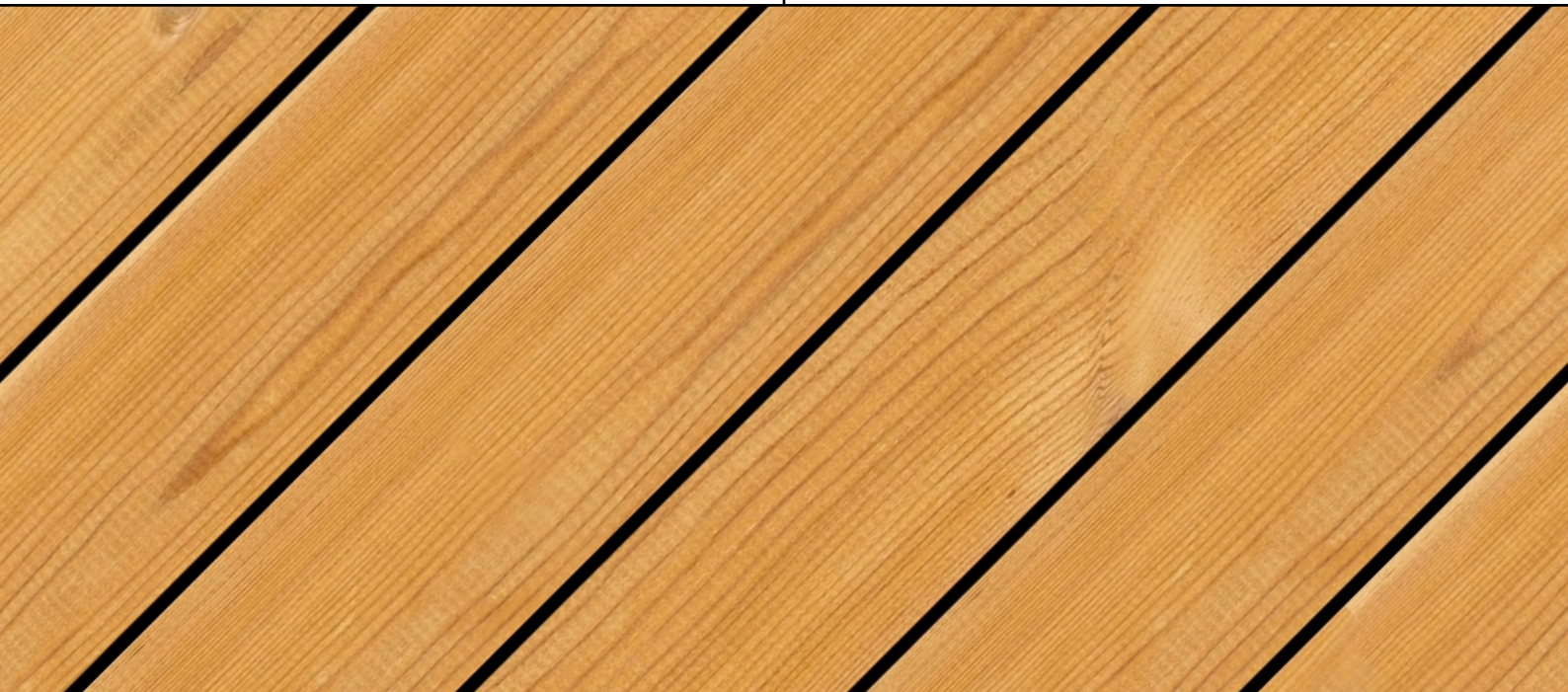
CLASS 2

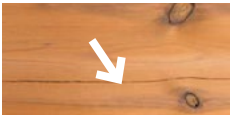
Up to 3% of the volume may be of inferior quality.

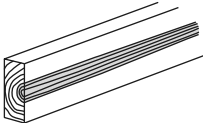
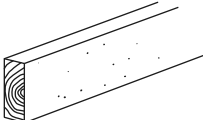
Any defects permitted on the reverse side, for which there are no size restrictions, are tolerated provided they do not compromise the mechanical properties or the visual appearance of the installed product.

Quality breakdown on delivery:

Rustic = 85% Natur & 15% Country



GRADING BASED ON VISIBLE SIDE		QUALITY: NATUR		QUALITY: COUNTRY	
		VISIBLE FACE	BACK FACE	VISIBLE FACE	BACK FACE
PLANING DEFECTS		not allowed	not allowed	permitted up to 300 mm from both ends	unlimited
FEEDER MARKS		not allowed	unlimited	permitted up to 300 mm from both ends	unlimited
WARPING		not allowed	a maximum of 1/3 of the width and 1/5 of the thickness of the board	permitted up to 300 mm from both ends	unlimited
MECHANICAL DEFECTS		not allowed	unlimited	permitted up to 300 mm from both ends	unlimited
SURFACE CRACKS		max 100 mm long	unlimited	unlimited	unlimited
THROUGH CRACKS		not allowed	not allowed	permitted up to 300 mm from both ends	unlimited
END CRACKS		maximum length = width of the board	unlimited	permitted up to 300 mm from both ends	unlimited
CRACKS ALONG THE GROWTH RINGS		not allowed	not allowed	permitted up to 300 mm from both ends	unlimited
SOUND KNOTS		aesthetically acceptable, but must maintain the integrity of the board	unlimited	unlimited	unlimited
FALLEN KNOTS		not allowed	unlimited, provided it does not pass through the board	up to Ø 20 mm permitted along the entire length	unlimited
BARK KNOTS		Ø up to 1/3 of the board width, with the bark being less than half that diameter	unlimited	permitted if it isn't visually distracting	unlimited
DEAD KNOTS		up to Ø 15 mm	unlimited	unlimited	unlimited
BLACK KNOTS		Ø up to 1/5 of the board width	unlimited	unlimited	unlimited
ROTTEN KNOTS		not allowed	unlimited	permitted if it isn't visually distracting (from a distance of at least 1.5 m)	unlimited

GRADING BASED ON VISIBLE SIDE		QUALITY: NATUR		QUALITY: COUNTRY	
		VISIBLE FACE	BACK FACE	VISIBLE FACE	BACK FACE
BROKEN KNOTS		provided it is not visually obtrusive when viewed from a distance of at least 1.5 m, up to 1/10 of the width of the board	unlimited	permitted up to 1/5 of the board's width	unlimited
SPLIT KNOT		decking: up to 3 mm wide and 50 mm long cladding: up to 5 mm wide and 50 mm long	unlimited	unlimited	unlimited
PIN KNOTS		unlimited	unlimited	unlimited	unlimited
SPIKE KNOTS		Ø up to half the width of the board	unlimited	unlimited	unlimited
EDGE KNOT		unlimited	unlimited	unlimited	unlimited
BROKEN EDGE KNOTS		limited to 1/10 of the width	unlimited	unlimited	unlimited
CLUSTERED KNOTS		visual grading, not measured, must maintain the integrity of the board	unlimited	unlimited	unlimited
INTER-BARK KNOTS		bark up to half the diameter	unlimited	unlimited	unlimited
RESIN POCKET		permitted up to 300 mm ²	unlimited	unlimited	unlimited
SCAR		not allowed	unlimited	not allowed	unlimited
HEARTWOOD		a maximum of 1/5 of the board's length	unlimited	unlimited	unlimited
GRAIN SLOPE		unlimited	unlimited	unlimited	unlimited
ROT / MOULD / BLUE STAIN		not allowed	not allowed	not allowed	not allowed
INSECT HOLES		not allowed	unlimited	not allowed	unlimited

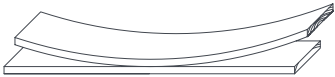
GRADING BASED ON VISIBLE SIDE

CROOK



permitted up to 7.5 mm per linear metre

BOW



permitted up to 2 mm per linear metre

TWIST



permitted up to 5% of the board's width per linear metre

CUPPING



permitted up to 1% of the board's width

TOLERANCES

thickness: +/- 0.5 mm
width: +/- 1 mm
length: +/- 1 mm per linear metre