

THERMORY®

Thanks to its reddish tone and pleasant texture, alder wood is popular as a finishing material in saunas. Alder is hardy and water repellent, and it doesn't overheat. We use alder to make a range of products and materials designed for saunas. Three types of alder are available: natural, medium thermally modified and intensely thermally modified.



There are three grades of alder available: A, AB and B.



The final grade of alder products is based on the criteria given in this grading rules document.



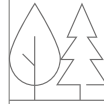
All our sauna materials are graded based on the usage (wall panels - visible side; bench boards - better face).



As a natural material, wood needs regular care to protect it against dirt and moisture. The right care will simplify cleaning and showcase the surface of the wood.

Grading rules

Alder / Thermo-alder
(medium, intense)



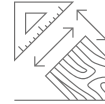
100% REAL WOOD



QUALITY MATERIALS



DURABLE



DIMENSIONALLY STABLE



ECO FRIENDLY



AVAILABLE THERMALLY MODIFIED

SAUNA^o
by THERMORY®



TYPES OF DEFECTS

BOARDS ARE GRADED BASED ON THE BETTER FACE



GRADE: **A** ↓

GRADE: **AB** ↓
(NATURAL ALDER ONLY)








GRADE: **B** ↓

		GRADE: A ↓		GRADE: AB ↓ (NATURAL ALDER ONLY)		GRADE: B ↓	
		Front	Back	Front	Back	Front	Back
HIT AND MISS		not allowed	max 1/2 of board width	not allowed	max 1/2 of board width	not allowed	max 1/2 of board width
FEED ROLLER MARKS		not allowed	allowed, but must not affect installation	not allowed	allowed, but must not affect installation	not allowed	allowed, but must not affect installation
WANE		not allowed	allowed, but must not affect installation	not allowed	allowed, but must not affect installation	not allowed	allowed, but must not affect installation
MECHANICAL DEFECTS		not allowed	allowed, but must not affect installation	not allowed	allowed, but must not affect installation	not allowed	allowed, but must not affect installation
SURFACE CHECKS		not allowed	allowed	not allowed	allowed	not allowed	allowed
SHAKES		not allowed	not allowed	not allowed	not allowed	not allowed	not allowed
END SHAKES		max length 10 mm	max length 10 mm	max length 10 mm	max length 10 mm	max length 10 mm	max length 10 mm
SOUND KNOTS		max size 10 mm	allowed	max size 10 mm	allowed	allowed	allowed

GRADE: **A** ↓

GRADE: **AB** ↓
(NATURAL ALDER ONLY)


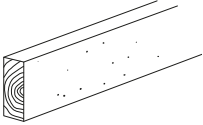



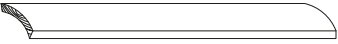
GRADE: **B** ↓

		GRADE: A ↓		GRADE: AB ↓ (NATURAL ALDER ONLY)		GRADE: B ↓	
		Front	Back	Front	Back	Front	Back
KNOT HOLES		not allowed	allowed if not through the whole board	not allowed	allowed if not through the board	max diameter 5 mm through the whole board	max diameter 5 mm through the whole board
DEAD KNOTS		not allowed	allowed	not allowed	allowed	allowed	allowed
BROKEN KNOTS		not allowed	allowed	not allowed	allowed	allowed	allowed
KNOT SHAKES		not allowed	allowed	not allowed	allowed	allowed	allowed
SCARS		not allowed	allowed	not allowed	allowed	allowed	allowed
ROT / MOULD / BLUE STAIN		not allowed	max 5% of surface area	not allowed	max 5% of surface area	not allowed	max 5% of surface area
DISCOLORATION		not allowed for natural alder	allowed	allowed	allowed	allowed	allowed
		allowed for thermo-alder	allowed	allowed	allowed	allowed	allowed

GRADE: **A** ↓

GRADE: **AB** ↓
(NATURAL ALDER ONLY)

GRADE: **B** ↓

		Front	Back	Front	Back	Front	Back
MINERAL STREAKS		allowed	allowed	allowed	allowed	allowed	allowed
INSECT HOLES		not allowed	not allowed	not allowed	not allowed	not allowed	not allowed
TWIST		bench boards max 6 mm per meter wall panels max 9 mm per meter					
BOW		bench boards max 15 mm per meter wall panels max 25 mm per meter					
SPRING / CROOK		bench boards max 6 mm per meter wall panels max 10 mm per meter					
CUPPING		max 2.5% of the board width					
PRODUCTION TOLERANCES		thickness: +/- 0.5 mm cover width: +/- 2.5% length: +10 mm / -3 mm per meter					

Last updated: May 2024.
All previous versions are null and void.

Sorting mistakes are allowed for up to 5% of purchased product volume.