

THERMORY®

Grading Rules

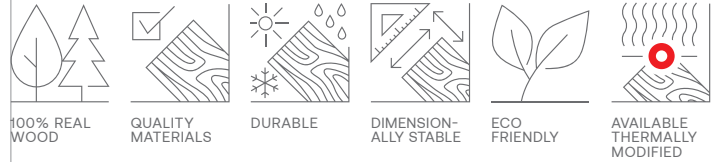
Alder / Thermo-Alder (medium)

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. Two types of alder are available: natural, medium thermally modified.

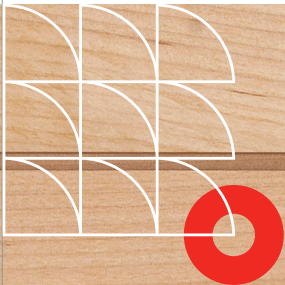
○ The final grade of alder products is based on the criteria given in this grading rules document.

○ 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.

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



SAUNA ○
by THERMORY®















BOARDS ARE GRADED BASED ON THE BETTER FACE



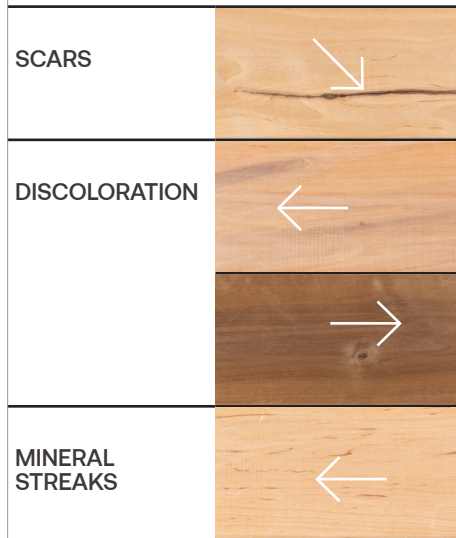
TYPES OF DEFECTS

GRADE: **A** ↓

	Front / Top	Back
HIT AND MISS 	not allowed	max 1/2 of board width
FEED ROLLER MARKS 	not allowed	allowed, but must not affect installation
WANE 	not allowed	allowed, but must not affect installation
MECHANICAL DEFECTS 	not allowed	allowed, but must not affect installation
SURFACE CHECKS 	not allowed	allowed
SHAKES 	not allowed	
END SHAKES 	max length 7/16"	
SOUND KNOTS 	max size 7/16"	allowed
KNOT HOLES 	not allowed	allowed if not through the whole board
DEAD KNOTS 	not allowed	allowed
BROKEN KNOTS 	not allowed	allowed
KNOT SHAKES 	not allowed	allowed

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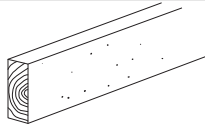
GRADE: **A** ↓



Front / Top	Back
not allowed	allowed
not allowed for natural alder	allowed
allowed for thermo-alder	allowed
allowed	
not allowed	max 5% of surface area
not allowed	
bench boards max 5/64" per foot wall paneling max 3/32" per foot	
bench boards max 3/16" per foot wall paneling max 7/16" per foot	
bench boards max 5/64" per foot wall paneling max 1/8" per foot	
max 2.5% of the board width	
thickness: +/- 1/64" cover width: +/- 2.5% length: + 1/8" / - 1/32" per foot	

ROT / MOULD / BLUE STAIN

INSECT HOLES



TWIST



BOW



SPRING / CROOK



CUPPING



PRODUCTION TOLERANCES

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

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