



PRIMEWOOD

SAUNA

Grading rules Alder Thermoalder

The Wood sorting guide provides an overview of the quality sorting requirements and permissible defects of alder wood, taking into account its usage. The guide helps to understand which defects are acceptable and which are not, enabling a better understanding of the quality and suitability of alder wood.

The table presents the permissible defects of the grades in alder wood, based on the covering width of the wall panel and the three visible sides of the bench board.

Grading Rules Alder/Thermoalder						
Types of Defects	GRADE: A		GRADE: AB		GRADE: B	
	Front / Top	Back	Front / Top	Back	Front / Top	Back
Discoloration	not allowed for alder, allowed for thermoalder	allowed	partially allowed for alder, allowed for thermoalder	allowed	allowed	
Surface checks	not allowed	allowed	not allowed	allowed	allowed	
Shakes	not allowed		not allowed		not allowed	
End shakes	allowed, maximum length 10 mm		allowed, maximum length 10 mm		allowed, maximum length 50 mm	
Hit and miss	not allowed	allowed, but maximum of ½ the board width	not allowed	allowed, but must not affect installation	not allowed	allowed, but must not affect installation
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
Knot holes	not allowed	allowed, if not through the whole board	allowed, up to ø5 mm in across the board		allowed	
Sound knots	allowed, maximum size 10 mm	allowed	allowed		allowed	
Broken knots	not allowed	allowed	allowed, maximum size 15 mm	allowed	allowed	
Dead knots	not allowed	allowed	allowed, maximum size 3 mm	allowed	allowed	

Types of Defects	GRADE: A		GRADE: AB		GRADE: B	
	Front / Top	Back	Front / Top	Back	Front / Top	Back
Knot shakes	not allowed	allowed	allowed, maximum size 10 mm	allowed	allowed	
Scars	not allowed	allowed	not allowed	allowed	allowed	
Bow	bench boards up to 15 mm per meter, wall panels up to 25 mm per meter		bench boards up to 15 mm per meter, wall panels up to 25 mm per meter		allowed	
Spring/Crook	bench boards up to 6 mm per meter, wall panels up to 10 mm per meter		bench boards up to 6 mm per meter, wall panels up to 10 mm per meter		allowed	
Twist	bench boards up to 6 mm per meter, wall panels up to 9 mm per meter		bench boards up to 6 mm per meter, wall panels up to 9 mm per meter		allowed	
Cupping	allowed, up to 2,5% of the board width		allowed, up to 2,5% of the board width		allowed	
Rot/Mould/Blue stain	not allowed	allowed, but 5% of the board surface	not allowed	allowed	allowed	
Insect holes	not allowed		not allowed		not allowed	
Dimensional tolerance	thickness: +/- 0,5 mm cover width: +/- 2,5% length: +10 mm/-3 mm per meter		thickness: +/- 0,5 mm cover width: +/- 2,5% length: +10 mm/-3 mm per meter		thickness: +/- 0,5 mm cover width: +/- 2,5% length: +10 mm/-3 mm per meter	
Sorting mistake allowed up to 5% of the purchased product quantity						

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