



PRIMEWOOD

SAUNA

Grading rules Aspen Thermoaspen

The Wood sorting guide provides an overview of the quality sorting requirements and permissible defects of aspen 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 aspen wood.

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

Grading Rules Aspen / Termoaspen				
Types of Defects	GRADE: A		GRADE: AB	
	Front / Top	Front / Top	Front / Top	Front / Top
Discoloration	allowed for aspen, but must be uniform through the board allowed for thermoaspen	allowed	allowed	
Surface checks	not allowed	allowed	allowed	
Shakes	not allowed		not allowed	
End shakes	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
Feed roller marks	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
Knot holes	not allowed	allowed, if not through the whole board	allowed, up to ø3 mm in across the board	
Pin knots	allowed, maximum size 3 mm	allowed	allowed	
Broken knots	not allowed	allowed	allowed, maximum size 10 mm	allowed
Dead Knots	not allowed	allowed	allowed, maximum size 5 mm	allowed
Natural structures around knots	allowed		allowed	
Scars	not allowed	allowed	allowed	

Types of Defects	GRADE: A		GRADE: AB	
	Front / Top	Back	Front / Top	Back
Bow	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		allowed	
Twist	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	
Rot/Mould/Blue stain	not allowed	allowed, but 5% of the board surface	not allowed	allowed
Insect holes	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	
Sorting mistake allowed up to 5% of the purchased product quantity				

PRIMEWOOD OÜ

+372 5665 3224
info@primewood.ee

Vabriku 10, 69104 Karksi-Nuia,
Viljandimaa, Estonia

www.primewood.ee