

# Metsä Spruce

## 140 US Sideboard

Datasheet updated: October 2024



Promoting  
Sustainable Forest  
Management  
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The mark of  
responsible forestry

Our portfolio consist wide selection of standard dimensions in compliance with the Nordic quality grading for sawn timber. As material, spruce is easy to work and surface-treat. Spruce sawn timber is a particularly good material for high-quality carpentry products. These products are typically made of U/S and V grade timber, the two highest qualities.

Our spruce sawn timber is produced at our Renko and Vilppula sawmills in Finland, using wood from sustainably managed forests.

### Shipping mark



#### Spruce characteristics (KD 12%)

*Picea abies*

Density	300 – 470 kg/m <sup>3</sup>
Modulus of elasticity	10,000 N/mm <sup>2</sup>
Bending strength	87 N/mm <sup>2</sup>

#### Spruce 140 US Sideboard quality characteristics

Dimensional accuracy	Thickness	-1 + 3 mm
	Width	-2 + 4 mm
	Length	-1 + 20 mm
Knot sizes – primary face	Sound knot 20 – 25% of the width Dry knot 50% of the sound knot 4 knots per meter allowed	
Knot sizes – edge	Sound knot 85% of the thickness Dry knot 50% of sound knot 2 knots per meter allowed	
Shake	Shakes not allowed	
Other defects	No blue stain or wane allowed Resin stains and scars smaller than 50 mm allowed	
Distortion	Bow 15 mm (worst 2 m) Spring 6 mm (worst 2 m) Twist 10% of product width (worst 2 m)	
Moisture	Normal dry product Target moisture 16 +/-2%	
Applications	Paneling and mouldings Furniture Window frames	

Small size and amount knot quality. On edges only small knots, often almost knotless.



