

Metsä

Spruce 140 US Side-board

Datasheet updated: 26/01/2026

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.

Spruce characteristics (KD 12%)

Density	300-470 kg/m ²
Modulus of elasticity	10,000 N/mm ²
Bending strength	87 N/mm ²

Spruce 140 US Sideboard quality characteristics

Dimensional accuracy	Thickness -1 + 3 mm Width -2 + 4 mm Length -1 + 20 mm
Knot size - 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, spring 6 mm, twist 10% of product width/ worst 2 m
Moisture	Normal dry product Target moisture 16 +/-2%
Applications	Paneling and mouldings Furniture Window frames



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Promoting
Sustainable Forest
Management

www.pefc.org



The mark of
responsible forestry

Shipping mark

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



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Package label explanation

IPPC mark	1
Last 6 digits of package number and storage location in mill	2
Dimension and quality	3
Volume, min – max length and weight	4
Species, product code and moisture content	5
Pieces per length, total pieces, running meters, volume	6
Full 10 digits package number, dimension, quality, product code and volume	7

Package label

Package

Height	80 – 120 cm
Width	90 – 120 cm
Length	2100 – 5400 mm
Gross weight	Max 4000 kg
Wrappers	Plastic hood or wrap, recyclable plastic
Bands	2100 – 3900 mm min 3 plastic bands; 4200 – 6000 min 4 plastic bands
Markings	Shipping marks
Identification	Package label + stamp on the end of the lumber (package number)
Other	Packages with non full top layer will have uneven surface sticker