

# Metsä Spruce

## 140 US Centercut

Datasheet updated: October 2024



Our portfolio consist wide selection of standard dimensions in compliance with the Nordic quality grading for sawn. As material, spruce sawn timber are 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%)

*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 Centercut 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 50 – 60% of the thickness Dry knot 50% of sound knot 2 knots per meter allowed	
Shake	Short shake 15 – 25% of length allowed Shakes going through the piece not allowed	
Other defects	No blue stain, insect damage or wane allowed Max two 50 – 60 mm resin pockets allowed in worst meter	
Distortion	25 – 45 mm: Bow 15 mm, spring 6 mm, twist 10% of product width / worst 2 m 45 – 100 mm: Bow 10 mm, spring 6 mm, twist 8% of product width / worst 2 m	
Moisture	Normal dry product Target moisture 18 +/-2%	
Applications	Paneling and mouldings Furniture Window frames	

### Shipping mark



Best knot quality. Majority sound knots, dry knots 50% of sound knot side. No bark ringed knots allowed.



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## Package label explanation

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

## 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

## Package label

IPPC mark

505509 108

25 x 100 140

4,691 450 - 450 2834

205584 417 18 %

PACKAGE NO DIMENSION QUALITY PRODUCT NO m3

20550909 25 x 100 140 205584 4,691

