

Metsä

Spruce 140 US SIDEBOARD

Spruce characteristics (KD 12%)

(picea abies)

Density	300-470 kg/m ³
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

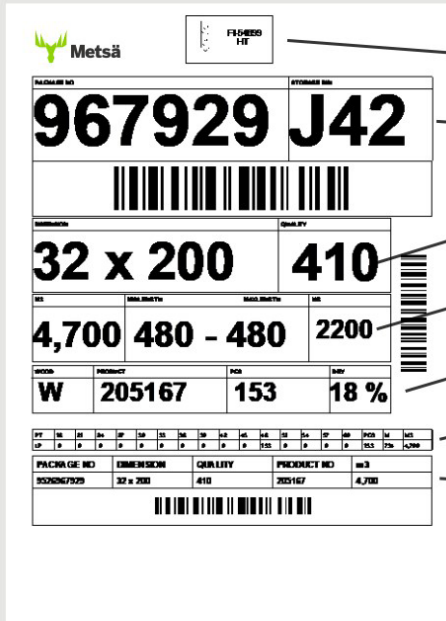


Small size and amount knot quality. On edges only small knots, often almost knotless.



Shipping mark

Metsä Spruce 140 US SIDEBOARD



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 Finland mills; 2100 – 6000 mm Svir
Gross weight	Max 4000 kg
Wrappers	Plastic hood or wrap, recyclable plastic
Bands	2100 – 3900 mm min 3 plastic bands; 4200 – 6000 mm 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