

Metsä

Spruce 410 SF (I-V)

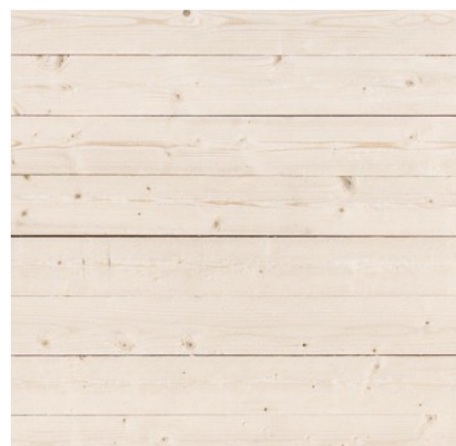
Spruce characteristics (KD 12%)

(picea abies)

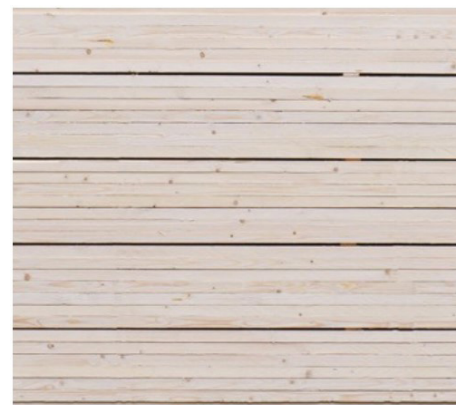
Density	300-470 kg/m ³
Modulus of elasticity	10,000 N/mm ²
Bending strength	87 N/mm ²

Spruce 410 SF (I-V) quality characteristics

Dimensional accuracy	Thickness -1 + 3 mm Width -2 + 4 mm Length -1 + 20 mm
Knot size - primary face	Sound knot max mm by width 100-115 mm 45 mm, 116-150 mm 50 mm 151-200 mm 55 mm, 201-225 mm 60 mm Dry knot max 70% of sound knot Bark knot max 60% of sound knot
Knot sizes - edge	Thickness 16-29 mm sound knot 100% Thickness 30-100 mm sound knot 85% Dry knot max 70% of sound knot Bark knot max 60% of sound knot
Shake	Max 50% of length allowed
Other defects	No blue stain or wane allowed Max two 100 mm resin pockets in worst meter
Distortion	Bow 15 mm, spring 7 mm, twist 10% of product width / worst 2 meter
Moisture	Normal dry product Target moisture 16 +/-2%
Applications	Window frames DIY Furniture



Sound and dry knots are allowed. The size of bark ring knots is restricted.



Shipping mark

★ **Metsä** ★

