

# Baltic Spruce : Sweden

Specification sheet



Baltic Spruce

<b><u>Other Name(s):</u></b>	Baltic Pine, Norway Spruce
<b><u>Scientific Name:</u></b>	Picea abies ( or excelsa )
<b><u>Distribution:</u></b>	Sweden , Central Europe
<b><u>Average Dried Weight:</u></b>	450 kg/M3 average
<b><u>Durability:</u></b>	None durable
<b><u>Janka Hardness:</u></b>	( 1.68 kN )
<b><u>Modulus of Rupture/Bending Strength</u></b>	( 63 MPa)
<b><u>Modulus of Elasticity/ stiffness:</u></b>	(9.7 GPa)
<b><u>Crushing Strength:</u></b>	( 35.5 MPa)

## Characteristics:

- Norway Spruce is typically a creamy white, with a hint of yellow and/or red . Norway Spruce has a fine, even texture, and a consistently straight grain. Heartwood is rated as being slightly resistant to non-resistant to decay.

## Working Qualities:

- Easy to work, as long as there are no knots present. Glues and finishes well, though it can give poor (blotchy and inconsistent) results when being stained due to its closed pore structure. A sanding sealer, gel stain, or toner is recommended when colouring Spruce.

## Uses:

- Flooring, framing, panelling & cabinetry work.

## Product Limitations

Veneers not available