

Technical Data



Structure

Total thickness is 14mm. Three layer structure including top layer, middle layer and bottom ply layer. Layers are cross glued together.

Top layer is of 3.5mm thick hardwood.

3-strip design: Three rows of timber strips with lengths 200 – 500mm; timber strips on the top layer have lap joints.

Middle layer is of slowly grown coniferous timber, movement of which is exceptionally low and rigidity extremely good. A precise interlocking system Profiloc is machined on every side of the board's middle layer. The structure has been reinforced at both ends of the board with stiff plywood.

Bottom ply layer is of 2.0mm thick spruce veneer.

Moisture content of the product has been stabilised at the factory and stability is easily maintained by following manufacturer's recommendations for normal use.

Selection

14mm products are available in all Karelia finishes.

Thickness of the Layers

Top layer	3.5 mm ± 0.5 mm
Middle layer	8.8 mm ± 0.5 mm
Bottom ply layer	approx. 2.0mm

Dimension of the Board

Length	2266 mm or 2000 mm	
Width	3-strip & 2-strip	188 mm
	1-strip (plank)	182 mm or 138 mm
Thickness	14mm	

Surface Treatment

Pre-finished with wear and tear resistant UV-hardened acrylic lacquer. Five layers of lacquer including three layers of base lacquer and two layers of finishing lacquer. Lacquers are solvent free and do not contain formaldehyde. Several oil/wax finish products are also available.

Moisture Content of the Wood Flooring

Moisture content of ready-to-lay 14mm wood flooring is 8% ± 1% when delivered.

Weight of wood flooring

The weight of the 14mm wood flooring is approx. 7.5 kg / m².

Karelia Nature

- slightly varying in colour tones
- grain pattern clearly visible
- knots not allowed

Karelia Natural

- variation in the shade of colour
- slightly coloured stable sapwood max. 35% of one strip
- occasional black stable knots ≤ 8 mm, pin knots and small knot groups allowed

Karelia Country

- colour tone variations
- occasional slight sapwood
- knots and natural streaks allowed