

KARELIA TECHNICAL PRODUCT DATA SHEET

PRODUCT DESCRIPTION

- 14 mm pre-finished parquet flooring (floating) – manufactured according to EN 13489

MANUFACTURER

- Karelia-Upofloor Oy, Lukkosalmentie 3, FI-70421 KUOPIO, Finland – tel. +358-207-409 300, web pages www.kareliaupofloor.com

TECHNICAL PROPERTIES

- Length 2266 / 2085 / 2080 / 2000 / 1126 mm
- Width 188 / 182 / 138 mm
- Thickness approx. 14 mm
- Hardwood surface thickness approx. 3,5 mm
- Middle layer thickness approx. 9 mm (spruce, with plywood bracings at ends)
- Bottom layer thickness approx 2 mm (spruce veneer)
- Deviation of squareness max. 0,2 mm
- Fixing system Profiloc, Licensed to Välinge's patent family, 2G- system, T&G
- Height difference max. 0,2 mm
- Moisture during first delivery 7,5 ± 1 %
- Height difference (lipping) max. 0,2 mm
- Hardness on Brinell scale, see below

Oak	2,9 - 3,7
Merbau	4,1 - 4,9
Saima (Birch)	2,5 - 3,2
Ash	3,3 - 4,1

Beech	2,7 - 4,0
Red Oak	3,1 - 3,8
Robinie	4,2 - 4,9
Birch	2,2 - 2,7

Maple (European)	2,7 - 3,8
Maple (Canadian)	3,2 - 4,2
Doussie	3,7 - 4,3
Cherry	3,0 - 3,2

Walnut	2,8 - 3,5
Jatoba	7,0 - 7,7
Jarrah	4,7 - 5,1
Iroko	3,2 - 3,8

SURFACE LAYER'S UV-COATING SYSTEM

Lacquer:

- Gloss (ASTM D523) standard coating 35° ± 5°, Matt coating 12° ± 5°
- UV-hardened acrylate lacquer

Test description	Standard	Results on Beech
Abrasion resistance (12/16)	ENV 13696 (12/16)	2200 - 2400
Scratch resistance (Erichsen)		No visible changes after 500 revs.
Adhesion (Cross cut)	EN ISO 2409	GT 0/5B
Adhesion (Stridsmann)		32,4 N (SC2)
Chemical resistance	EN 13442	5

Possibility to over coating* Approved

*Bona Standard

BONDING

- E1-classified UF-resin (EN 717-1)

PACKAGING AND MARKING (EN 13489)

- One package including eight boards
- Package weight approx. 25 kg
- Packets are covered with cardboard and shrink double PE- membrane.
- One pallet including 30 / 40 packs
- Pallet weight approx. 790 kg
- EAN (bar) code in the package end
- Code marking on the board back for tracing

SAFETY AND QUALITY

- Karelia - Upofloor Oy holds the ISO 9001 Quality Management System Certificate
- All products meet the requirements of the Finnish M1-emission classification and the European E1 formaldehyde classification (EN 14342:2005) for construction materials:
 - Total emission of volatile organic compounds (TVOC) 0,021 mg/m²h
 - Emission of formaldehyde (ENV 717-1) < 0,005 mg/m²h
 - Emission of ammonia NH₃ < 0,005 mg/m²h
 - Emission of carcinogenic compounds (IARC class 1) < 0,005 mg/m²h
 - Odour (smell) no odour
- Products meet the requirements of class D₁ - s1 (EN 14342:2005 and EN 13501-1 part 1)
- CE marking (EN 14342:2005), For datatable, see www.kareliaupofloor.com"

ENVIRONMENT

- Karelia - Upofloor Oy holds the ISO 14001 Environmental management system certificate.
- PEFC CoC -certificate (Chain-of-Custody) ref. nro 2018-2004-SMS-HEL-DNV for rawmaterials and relevant PEFC -certificate