

RECYCLED LEATHER FLOATING FLOOR PANELS TECHNICAL SPECIFICATION

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subject to errors or modifications



Recycled Leather & Cork Floating Floor

Leather Floors set a new landmark in room design with sustainable materials. The surface is made of 100% recycled genuine leather and the use of cork – a renewable resource – enhances the feeling of comfort, warmth and quietness. With 12 elegant and original decors in planks and tiles, eather Floors will stylish any interior decoration with an appealing design and a sensuous look and feel.

References

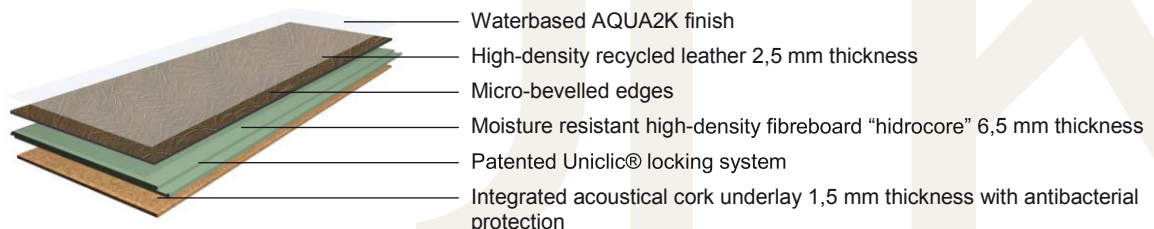
This specification applies to all references of floating floor panels with a recycled leather surface and a cork backing layer, with “GFIX” profile.

Definition

Panels or tiles consisting of a compact high density fibreboard layer, a bonded surface layer of compressed natural recycled leather and a back layer of soft agglomerated cork. The surface is made of bonded genuine bonded leather that is embossed with different designs. The core material (substrate) is tongued and grooved with a special profile design (UNICLIC®) to allow the panels to be assembled together mechanically, without the use of glue. The edges of each panel elements are micro-beveled.

Materials

- Surface: Leather, natural latex.
- Substrate: High density fibreboard with very low formaldehyde content (E1) and high moisture resistance properties.
- Backing: Soft agglomerated cork sheet.
- Glue: Solvent-free D3 grade glue.
- Finish: 2 component waterbased varnish.



Classification based on the level of use

Class	Symbol	Level of use
23		Domestic Heavy
31		Commercial Moderate











Specification Requirements

Characteristic		Requirement	Test method
Length and width measured at the surface layer		910 x 194 mm 610 x 388 mm 388 x 388 mm	EN 427
Overall thickness		10,5 ± 0,20 mm	EN 428
Thickness of surface layer		2,5 ± 0,20 mm	EN 428
Density of surface layer		> 850 Kg/m ³	EN 672
Squareness Straightness measured at the surface layer		< 0,3 mm < 0,2 mm	EN 427
Flatness of the panel			EN 14085 Annex A
Length - Concave / Convex Width - Concave / Convex		≤ 0,10 % / ≤ 0,5 % ≤ 0,05 % / ≤ 0,1 %	
Openings between panels			EN 14085 Annex B
Average Individual values		≤ 0,10 mm ≤ 0,15 mm	
Height difference between panels			EN 14085 Annex B
Average Individual values		≤ 0,15 mm ≤ 0,20 mm	
Dimensional variation caused by changes in atmospheric humidity		≤ 0,15 %	EN 669 Annex C
Residual indentation		≤ 0,25 mm	EN 433

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Additional Properties

Characteristic		Requirement	Test method
Mass per unit area		Average 8.800 g/m ²	EN 430
Locking strength		F _{long} > 5 kN / m F _{short} > 8 kN / m	Internal
Abrasion resistance		Average 6.000 revolutions to initial point (abrasion wheels CS17; 1Kg weight per wheel; cleaning 10 revolutions each 1000 turns)	Internal
Impact resistance (small ball)		> 90 N	EN 438-2
Formaldehyde emission		Formaldehyde Class E1 Release ≤ 3,5 mg/m ² h	EN 14041 EN 717-2
Reaction to fire		Class D _{fl} – S1	EN 14041 EN 13501-1
Slip resistance		Technical class DS. dynamic coefficient of friction ≥ 0,30	EN 14041 EN 13893
Impact noise reduction		ΔL _w = 17 dB	EN ISO 140-8
Thermal resistance		0,099 m ² .K/W	EN 14041 EN 12664
Electrical behaviour		Antistatic floor covering The body voltage shall not exceed 2,0 kV	EN 14041 EN 1815