

**DESCRIPTION**


Natural Product



Sound Insulation



Renewable Raw Material

- ▶ Natural, recyclable and from a renewable raw material product,
- ▶ Good thermal and acoustic insulation, reducing sound propagation, impact noise and energy consumption;
- ▶ High durability and dimensional stability even when subject to high temperature variations;
- ▶ Anti-static and anti-allergic;
- ▶ Resistant and flexible;
- ▶ Contrary to other synthetic products It does not free solvents nor dangerous compounds;
- ▶ Allows levelling of small defects of the floors;
- ▶ Appropriate for heated floors ( $R < 0.15 \text{ m}^2 \cdot \text{K}/\text{W}$ );
- ▶ Natural cork underlayment for commercial and residential applications;
- ▶ Available in different dimensions (Width from 500 to 1400 mm; Thickness from 1,2 to 12 mm)

**TECHNICAL SPECIFICATIONS**

Characteristic	Specification	Standard
Grain size	1-5 mm	ISO 2030
Tolerance on length and width	nominal value $\pm 1\%$	EN 426
Thickness	$\pm 0,2 \text{ mm}$	EN 428
Density	200-240 $\text{Kg}/\text{m}^3$	EN 672
Compression	20 – 40 %	ISO 7322
Recovery	$\geq 65 \%$	ISO 7322
Tensile strength	$\geq 200 \text{ KPa}$	ISO 7322
Flexibility	Factor 5: Pass	EN 435/A



The mark of responsible forestry



Resistance to boiling water	Absence of disintegration after 3 hours in boiling water	ISO 7322
Impact noise reduction	17 dB (indicative value for 2 and 4 mm thickness) 18 dB (indicative value for 5 and 6 mm thickness)	ISO 140-8
Sound absorption coefficient	$\alpha_w = 0.05$ (indicative value for 2 and 4 mm thickness)	EN ISO 11654
Fire Resistance	Class E - Cork is a fire inhibitor which neither spreads flame nor releases toxic gases on combustion	EN 13501-1
Thermal conductivity	0.049 W/m.K	ISO 8302
Thermal Resistance	2 mm - 0.04 m <sup>2</sup> .K/W 4 mm - 0.08 m <sup>2</sup> .K/W 6 mm - 0.12 m <sup>2</sup> .K/W	ISO 8302
Formaldehyde	It was not added during manufacture formaldehyde	---

Note: technical specifications may be changed without previous notice.

Characteristic	Specification	Result	Class	Standard
Punctual Conformability (PC)	≥0.5 mm	≥1.2 mm	PC2	EN 16354
Compression Strength (CS)	≥60 kPa	≥200 kPa	CS3	EN 16354
Compression Creep (CC)	≥35 kPa	≥50 kPa	CC3	EN 16354
Dynamic Load (DL)	≥100.000 cycles	≥250.000 cycles	DL3	EN 16354

Testing according to MMFA/EPLF higher requirements group 1 and 2.  
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## SECURITY DECLARATION

We ensure that the cork agglomerate rolls 15 MS are made with cork granules and that the glue used in the agglomeration is based on formaldehyde-free polyurethane. This product does not release any toxic components and does not represent a health hazard for those who handle it.