

AGGLOMERATED CORK ROLLS Ref. 15 MS

Technical datasheet



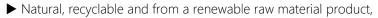
DESCRIPTION











- ▶ 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 m².K/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 ± 1% | EN 426 | |
| Thickness | ± 0,2 mm | EN 428 | |
| Density | 200-240 Kg/m³ | EN 672 | |
| Compression | 20 – 40 % | ISO 7322 | |
| Recovery | ≥ 65 % | ISO 7322 | |
| Tensile strength | ≥ 200 KPa | ISO 7322 | |
| Flexibity | Factor 5: Pass | EN 435/A | |







| 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 ² .K/W 4 mm - 0.08 m ² .K/W 6 mm - 0.12 m ² .K/W | ISO 8302 |
| Formaldehyde | It was not added during manufacture formaldehyde | may be changed without provious patics |

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. Note: technical specifications may be changed without previous notice







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.