

1. Product

COMPO ECO THERMAL AND SOUND INSULATION

2. Definition

Sheets of cork agglomeration compacted in a variety of thicknesses.

3. Area of application

Sheets of cork agglomeration can be used as thermal and sound insulating in construction works.

4. Technical characteristics

- Material made 100% of rubber
- Density 100/120 kg/m³
- Thermal conductivity: 0,036/0,038 W/mk
- Resistance to compression 10% 110/120 kPa
- Humidity level: Maximum 8%
- Water absorption: 0.5 kg / m²
- Longitudinal tolerance: 3-5 mm
- Resistance to fire: Euros class "E"
- Durability: Unlimited
- Recyclability: 100%
- Impact noise: 20 dB-30 dB depending on its thickness
- Air noise: 30 dB-34 dB depending on its thickness
- Noise absorption: 40% a 400 Hz
- Sound speed on cork: 500m/second
- Sound absorption coefficient 500CPS: 0.33/0.35
- High stability against thermal variations
- Temperatures range from -180 to 120°C
- In the event of fire, it does not release toxic gases

5. Packaging

Product supplied in a variety of thicknesses and presentations.

Product	Thickness	Presentation
Compo Eco AT	10 mm	Package with 30 planks (10 m ²)
Compo Eco AT	20 mm	Package with 15 planks (7.5 m ²)
Compo Eco AT	30 mm	Package with 10 planks (5 m ²)
Compo Eco AT	40 mm	Package with 8 planks (4 m ²)
Compo Eco AT	50 mm	Package with 6 planks (6 m ²)

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