Lambourdé

Natural materials for technical solutions

Description

LAMBOURDÉ is quick application system designed for low thickness insulation solutions and buildings renovations. For mechanical fixing to the floor or wall, ensuring excellent thermal and acoustic insulation and subsequent a wood or plasterboard finish.

Advantages

- 100% natural and fully recyclable
- Excellent thermal and acoustic insulation
- Easy to apply
- Mechanical stability
- Great behavior in large temp. range (-180ºC to +120ºC)
- CO2 sink (Carbon Negative)

Product lines

- Board dimension: 1000x500 mm
- Thickness: 40 to 100 mm

Product specifications

- Density: +/-110kg/m^3
- Thermal Conductivity: 0,041 W/m.K
- Fire Reaction: Euroclass E

Thermal and Acoustic Characterization

Test	Standard	Result
Thermal Resistance R [M2.°c/w]	ISO6946:2007/ ISO10211:2007	Lambourdé 40: 0,97 Lambourdé 60: 1,50
Airborne noise transmission Rw [dB]		Single wall + plasterboard + Lambourdé 40:49 dB Single wall + plasterboard + Lambourdé 60:54 dB Double wall + plasterboard + Lambourdé 40:59 dB Double wall + plasterboard + Lambourdé 60:59 dB

Application systems: Wall

Application systems: Floor

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