



APPLICATIONS



PRODUCT DESCRIPTION

Insulation boards of Mineral Wool with ECOSE® Technology for drywall systems.

Naturboard 037 is a semi-rigid, self-supporting mineral wool board providing thermal insulation, sound insulation and fire protection for roofs, ceilings and drywall applications.

TECHNICAL CHARACTERISTICS

Declared coefficient of thermal conductivity λ_D	0.037 W/mK
Reaction to fire	A1 - non-combustible material
Water vapour diffusion resistance factor μ	~1
Short term water absorption W_p	$\leq 1 \text{ kg/m}^2$
Long term water absorption W_{lp}	$\leq 3 \text{ kg/m}^2$
Thickness tolerance	T2
Declaration of Performance - DoP	www.dopki.com/G4222JPCPR

DESIGNATION CODE: MW-EN-13162-T2- MU1-AFr5-WS-WL(P)

BENEFITS

- Good thermal insulation properties
- Excellent reaction to fire - Euroclass A1, non-combustible
- High noise absorption capacity
- Dimensional stability
- Simple and easy handling
- Benefits resulting from ECOSE® Technology: softer feel, less dusty, odourless, easy to cut
- Excellent sustainability credentials
- Ideal for LEED, WELL, BREEAM, DGNB projects

DIMENSIONS AND PACKAGING

Thickness (mm)	Width (mm)	Length (mm)	pcs / packaging	m ² / packaging	packages / pallet	m ² / pallet	R Thermal resistance (m ² K/W)
45	1250	600	16	12,00	28	336.00	1.20
50	1250	600	16	12,00	28	336.00	1.35
75	1250	600	10	7.50	28	210.00	2.00
100	1250	600	8	6.00	28	168.00	2.70

CERTIFICATES



ADDITIONAL INFORMATION

Application

The product Naturboard 037 is intended for thermal and sound insulation, as well as for fire protection of roofs and drywall systems in external walls, partition walls and ceilings. It is ideal for new buildings as well as for renovation works. Can also be used in various types of sandwich walls.

Packaging

The product Naturboard 037 is delivered in PE heat-shrinking foil. products must be stored in a dry place, indoors or under roof. In exceptional situations, the packages stored outdoors should be protected by watertight foil. The packages must not be placed directly on the ground.

Quality

Naturboard 037 is certified to comply with standard EN 13162 as well as with the EUCEB certificate which ensures that the product is biosoluble and not dangerous for health in accordance with European Directive 97\69\EC. Due to ECOSE Technology naturally based binder, it also possesses Eurofins Indoor Air Comfort Gold Certificate, regarding indoor Environmental Quality and Low-Emitting Materials. It is also officially certified by the DECLARE label, indicating that it is independently analyzed in forensic detail to ensure it does not contain any harmful or unhealthy chemical ingredients included on the International Living Future Institute's Red List.



Knauf Insulation mineral wool products made with ECOSE Technology® benefit from a no added formaldehyde binder, which is up to 70% less energy intensive than traditional binders and is made from rapidly renewable bio-based materials instead of petroleum-based chemicals. The technology has been developed for Knauf Insulation's glass and rock mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Insulation products made with ECOSE Technology® contain no dye or artificial colours.

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Certificate of Constancy of Performance

No. 1020 - CPR - 020036600