

Naturboard 037

March 2021



APPLICATIONS



PRODUCT DESCRIPTION

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

Naturboard 037 is a semi-rigid, self-supporting natural 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	≤ 1 kg/m ²
Long term water absorption W_{lp}	≤ 3 kg/m ²

DESIGNATION CODE: MW - EN 13162 - T4 - WS - WL(P)

BENEFITS

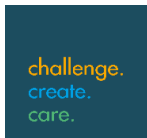
- Thermal insulation
- Excellent fire resistance - Euroclass A1, non-combustible
- Sound insulation
- Economical
- Ease in application
- Self-supporting boards
- Saves space

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	1350	600	16	12,96	24	311,04	1,22
50	1350	600	16	12,96	24	311,04	1,35
75	1350	600	10	8,1	24	194,40	2,03
100	1350	600	8	6,48	32	207,36	2,70

**Upon request we have the ability to provide equivalent materials under alternative trade names.

CERTIFICATES



Naturboard 037

March 2021

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.



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.

Knauf Insulation SA

10 Evripidou str.
176 74 Kallithea
Greece

sales.gr@knaufinsulation.com

Tel.: +30 211 710 7007

Fax.: +30 211 740 9480