

Volcalis

mineral insulation



COMFORT

Mineral Wool in Slab



λ 37

Compact slab for application in dry construction systems, easy to handle and with soft touch.

Applications

Volcalis COMFORT is an excellent thermal and acoustic insulation for application in all types of buildings.

Suitable for use in construction and rehabilitation works, such as: partitions, wall lining and ceilings.



Partitions



Wall lining



Ceilings

Benefits

- Good thermal behavior, contributes to the comfort of buildings and reduces energy consumption.
- Due to its internal structure, it is an excellent acoustic insulation.
- Fire resistant, not combustible or conductive to heat.
- Results from a sustainable process that uses raw materials and advanced technologies of high efficiency. It's a 100% recyclable product.
- Easy to apply and to handle.



thermal insulation



acoustic insulation



non-combustible



all around application



sustainable process



comfortable application

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COMFORT Slab



Dimensions

Thickness (mm)	50	60	70	90	100	120
Width (mm)	600					
Length (mm)	1 350					

Logistics

Un. Packing	16	14	12	9	8	7
m ² Packing	12,96	11,34	9,72	7,29	6,48	5,67
Packing by Pallet	24					
m ² Pallet	311,04	272,16	233,28	174,96	155,52	136,08

Technical Data

Thermal Resistance (m ² .K/W)	1,35	1,60	1,85	2,40	2,70	3,20
Thermal Conductivity (W/m.K)	0,037					
Reaction to Fire	A1					
Thickness Tolerance	T2					
Air Flow Resistivity (kPa.s/m ²)	≥ 5					
Water Vapor Resistance Diffusion Factor (μ)	1					
Designation Code	MW-EN13162-T2-MU1-AW0,85-AFr5 (50 mm) MW-EN13162-T2-MU1-AW1-AFr5 (≥ 60 mm)					

Sound absorption (EN ISO 11654)

Weighted coefficient (α _w)	0,85	1
Absorption class	B	A

Essays Itecons, EN ISO 354, ACL 150/24 COMFORT 50 mm, ACL 199/24 COMFORT 60 mm

Transportation and Storage

It is not a dangerous product and therefore does not require special transport precautions. Store in a dry place, protected from moisture and sun. Do not store outside of the original packaging. The packagings are coated with thermo-retractable polyethylene film and later packed with a Multipack system.

Installation

Easy to handle product. After opening the packaging, wait about 5 minutes for the product to recover to the desired thickness. During installation, wear long-sleeved clothing and gloves. If work is done above eye level, wear a mask and goggles.

Certificates



Designed and manufactured in Portugal

Additional information available at www.volcalis.pt

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