

Volcalis

mineral insulation



COMFORT

Mineral Wool in Slab



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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startupdesign.pt

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 fim 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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