

Volcalis

mineral insulation



ALPHA

Mineral Wool in Slab with Improved Performance

Compact semi-rigid slab of excellent acoustic performance for application in dry construction systems.

$\lambda 35$

Applications

Volcalis ALPHA is an excellent thermal and acoustic insulation for application in all type of buildings.

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



Partitions



Wall lining



Ceilings

Benefits

- Very good thermal performance, 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.



thermal insulation



acoustic insulation



non-combustible



all around application



sustainable process



comfortable application

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startupdesign.pt

ALPHA Slab



Dimensions

Thickness (mm)	50	60	70	85	100
Width (mm)	600				
Length (mm)	1 350				

Logistics

Un. Packing	14	12	10	8	7
m ² Packing	11,34	9,72	8,10	6,48	5,67
Packing by Pallet	24				
m ² Pallet	272,16	233,28	194,40	155,52	136,08

Technical Data

Thermal Resistance (m ² .K/W)	1,40	1,70	2,00	2,40	2,85
Thermal Conductivity (W/m.K)	0,035				
Reaction to Fire	A1				
Thickness Tolerance	T2				
Air Flow Resistivity (kPa.s/m ²)	≥ 10				
Water Vapor Resistance Diffusion Factor (μ)	1				
Designation Code	MW-EN13162-T2-MU1-AW1-AFr10				

Sound absorption (EN ISO 11654)

Weighted coefficient (α _w)	1
Absorption class	A

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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