

Volcalis

mineral insulation



ALPHA

Mineral Wool in Roll with Improved Performance

Compact slab, supplied in roll, of excellent acoustic performance.


 λ 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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ALPHA

startupsdesign.pt

ALPHA, Roll



Dimensions

Thickness (mm)	90	140
Width (mm)	1200	1200
Length (mm)	6500	4000

Logistics

Un. Packing	1	1
m ² Packing	7,80	4,80
Packing by Pallet	24	24
m ² Pallet	187,20	115,20

Technical Data

Thermal Resistance (m ² .K/W)	2,55	4,00
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-EN 13162-T2-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

Volcalis new plant is located in the centre of Portugal, and has easy access to maritime, rail and roadway networks. It is close to the port of Aveiro which allows the shipment of large quantities of mineral wool to the whole world.

Additional information available at www.volcalis.pt