

Volcalis

mineral insulation



ALPHA

Mineral Wool in Roll with Improved Performance

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 λ 35

Compact semi-rigid slab, supplied in roll, of excellent acoustic performance.

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 Roll



Dimensions

Thickness (mm)	50		60		70		85		100		140
Width (mm)	400	600	400	600	400	600	400	600	400	600	1 200
Length (mm)	12 000		10 200		8 500		7 000		6 000		4 000

Logistics

Un. Packing	3	2	3	2	3	2	3	2	3	2	1
m² Packing	14,40		12,24		10,20		8,40		7,20		4,80
Packing by Pallet	24										
m² Pallet	345,60		293,76		244,80		201,60		172,80		115,20

Technical Data

Thermal Resistance (m ² .K/W)	1,40	1,70	2,00	2,40	2,85	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-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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