

Volcalis

mineral insulation



ALPHA

Mineral Wool Acoustic Absorbent Roll

Thermal and acoustic panel, supplied in roll, covered on one side by a black veil, with high acoustic absorption. Ideal for ventilated facades.


λ35

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 ventilated facades.



Benefits

- Very good thermal and acoustic behavior.
- Non-combustible and water repellent.
- Fabric with high mechanical resistance.
- Easy to apply and to handle.
- 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

ALPHA Roll Black Veil



Dimensions

Thickness (mm)	50	60	80	100	120
Width (mm)	600				
Length (mm)	10 000	8 000	6 000	5 000	4 200

Logistics

Un. Packing	2				
m² Packing	12,00	9,60	7,20	6,00	5,04
Packing by Pallet	24				
m² Pallet	288,00	230,40	172,80	144,00	120,96

Technical Data

Thermal Resistance (m².K/W)	1,40	1,70	2,25	2,85	3,40
Thermal Conductivity (W/m.K)	0,035				
Reaction to Fire	A1				
Thickness Tolerance	T2				
Air Flow Resistivity (kPa.s/m²)	≥ 10				
Short Term Water Absorption (kg/m²)	≤ 1				
Long Water Absorption Term (kg/m²)	≤ 3				
Designation Code	MW-EN13162-T2-WS-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



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