

Volcalis

mineral insulation



COMFORT

Hydro-repellent Mineral Wool



Compact panel of water-repellent features for interior insulation of façades.

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 wall lining.



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.



thermal
insulation



acoustic
insulation



non-combustible



all around
application



sustainable
process



comfortable
application

Volcalis

mineral insulation

**COMFORT**

DOC.04.01-006/REV.01
startupdesign.pt

COMFORT Slab SR



Dimensions

Thickness (mm)	50	60	75	100	120
Width (mm)	600				
Length (mm)	1 350				

Logistics

Un. Packing	16	12	10	8	6
m ² Packing	12,96	9,72	8,10	6,48	4,86
Packing by Pallet	24				
m ² Pallet	311,04	233,28	194,40	155,52	116,64

Technical Data

Thermal Resistance (m ² .K/W)	1,35	1,60	2,00	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				
Short Term Water Absorption (kg/m ²)	≤ 1				
Long Term Water Absorption (kg/m ²)	≤ 3				
Designation Code	MW-EN 13162-T2-WS-AFr5				

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 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