

# Volcalis

mineral insulation



## COMFORT

### Mineral Wool in Slab



λ37

Compact slab for application in dry construction systems, easy to handle and with soft touch.

#### 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: partitions, wall lining and ceilings.



Partitions



Wall lining



Ceilings

#### 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.
- Easy to apply and to handle.



thermal insulation



acoustic insulation



non-combustible



all around application



sustainable process



comfortable application

# Volcalis

mineral insulation



## COMFORT Slab



### Dimensions

Thickness (mm)	50	60	70	90
Width (mm)	600			
Length (mm)	1 350			

### Logistics

Un. Packing	18	16	12	9
m <sup>2</sup> Packing	14,58	12,96	9,72	7,29
Packing by Pallet	24			
m <sup>2</sup> Pallet	349,92	311,04	233,28	174,96

### Technical Data

Thermal Resistance (m <sup>2</sup> .K/W)	1,35	1,60	1,85	2,40
Thermal Conductivity (W/m.K)	0,037			
Reaction to Fire	A1			
Thickness Tolerance	T2			
Air Flow Resistivity (kPa·s/m <sup>2</sup> )	≥ 5			
Water Vapor Resistance Diffusion Factor (μ)	1			
Designation Code	MW-EN13162-T2-MU1-AW1-AFr5			

### Sound absorption (EN ISO 11654)

Weighted coefficient (α <sub>w</sub> )	<b>1</b>
Absorption class	<b>A</b>

Essay ITeCons, EN ISO 354, ACL 343/18 COMFORT 50 mm, ACL 344/18 COMFORT 60 mm

### 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](http://www.volcalis.pt)

Bustos, Portugal · T (+351) 234 751 533 · [geral@volcalis.pt](mailto:geral@volcalis.pt) · [www.volcalis.pt](http://www.volcalis.pt)

