

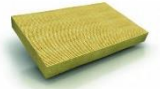


COVER.STONE **WOOL SP**

Mineral stone wool slabs for external wall insulation systems



Vimark
Strada Spartafino 2
12016 Peveragno (CN) Italy
Tel. +39 0171 383800 | Fax +39 0171 339395
info@vimark.com | Vimark.com



COVER.STONE WOOL SP

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DESCRIPTION

COVER.STONE WOOL SP is a mineral stone wool (MW) slab with smooth edges, specific for thermal and acoustic insulation systems. The properties of the mineral stone wool give the panels' excellent thermal and acoustic insulation, high water vapour permeability and high mechanical resistance. The fibrous mineral structure makes the panel inert, resistant to microorganisms, non-absorbent and waterproof, ensuring dimensional stability over time. Finally, the stone wool provides an efficient fire protection, preventing spreading and improving fire resistance of the building materials on which it is applied. The product is certified for ETICS use according to the European Technical Directive ETAG 004, suitable for use in both new and existing buildings.

COMPOSITION

COVER.STONE WOOL SP is a mineral stone wool (MW) with smooth edges.

BOARD SIZE

1000 x 600 mm.

COLOUR

Yellow-green.

THICKNESS & PACKAGING

| Thickness | Panel per pack | Panel size | Pack coverage | Packs per pallet |
|-----------|----------------|--------------------|--------------------|------------------|
| 50 mm | 6 | 0,6 m ² | 4.8 m ² | 6 |
| 60 mm | 5 | 0,6 m ² | 3.0 m ² | 8 |
| 80 mm | 3 | 0,6 m ² | 1.8 m ² | 6 |
| 100 mm | 3 | 0,6 m ² | 1.8 m ² | 6 |
| 120 mm | 2 | 0,6 m ² | 1.2 m ² | 10 |
| 140 mm | 2 | 0,6 m ² | 1.2 m ² | 8 |
| 160 mm | 2 | 0,6 m ² | 1.2 m ² | 6 |
| 180 mm | 2 | 0,6 m ² | 1.2 m ² | 6 |
| 200 mm | 2 | 0,6 m ² | 1.2 m ² | 6 |
| 220 mm | 1 | 0,6 m ² | 0.6 m ² | 10 |
| 240 mm | 1 | 0,6 m ² | 0.6 m ² | 10 |

EXPIRATION / CONSERVATION

Store product in a dry place, protected from humidity and away from UV rays and heat sources.

WARNINGS

Avoid water filtrating under the insulation panels if applying in rain. Install panels in temperatures between +5°C and +35°C. Application temperatures must be guaranteed for at least 24 hours after applying panels. Do not apply broken, damaged or dirty panels. Fill any openings in the sheet joints by placing strips of insulating material or, for cracks of less than 4 mm, using an injectable polyurethane foam filler. Avoid placing MW sheets directly to the ground. Use suitable starting profiles such as **BASE TRACK** or boards such as **COVER BASE**. For further information about the product *COVER.therm* by Vimark, please read the datasheets available on our web site www.vimark.com.

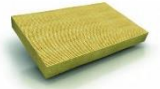
PRODUCT DATA

| | | |
|---|-----------------------|----------|
| ▪ Appearance | MW board | |
| ▪ Colour | Yellow-green | |
| ▪ Panel dimensions | 1000 x 600 mm | |
| ▪ Dimensional tolerance of thickness | T5 ± 1 mm | EN 823 |
| ▪ Density | 100 kg/m ³ | |
| ▪ Declared thermal conductivity λ_D | 0,035 W/mK | EN 12667 |

THERMAL PERFORMANCES

| Board thickness | Declared thermal conductivity R_D | Thermal transmittance U | |
|-----------------|-------------------------------------|-------------------------|----------|
| ▪ 50 mm | 1.45 m ² K/W | 0.69 W/m ² K | EN 12667 |
| ▪ 60 mm | 1.75 m ² K/W | 0.57 W/m ² K | EN 12667 |
| ▪ 80 mm | 2.35 m ² K/W | 0.42 W/m ² K | EN 12667 |
| ▪ 100 mm | 2.90 m ² K/W | 0.34 W/m ² K | EN 12667 |
| ▪ 120 mm | 3.50 m ² K/W | 0.28 W/m ² K | EN 12667 |
| ▪ 140 mm | 4.10 m ² K/W | 0.24 W/m ² K | EN 12667 |
| ▪ 160 mm | 4.70 m ² K/W | 0.21 W/m ² K | EN 12667 |
| ▪ 180 mm | 5.25 m ² K/W | 0.19 W/m ² K | EN 12667 |





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TECHNICAL DATA

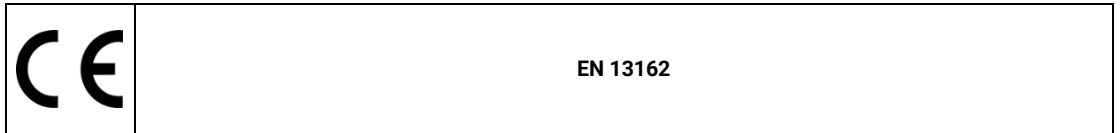
| | | | |
|---------------------------------|-------------------------------|-------------------------|------------|
| ▪ 200 mm | 5.85 m ² K/W | 0.17 W/m ² K | EN 12667 |
| ▪ 220 mm | 6.45 m ² K/W | 0.15 W/m ² K | EN 12667 |
| ▪ 240 mm | 7.05 m ² K/W | 0.13 W/m ² K | EN 12667 |
| ▪ Compressive strength | CS ≥ 25 kPa | | EN 12089 |
| ▪ Traction resistance | TR ≥ 7.5 kPa | | EN 1607 |
| ▪ Vapour diffusion resistance | μ 1 | | EN 12086 |
| ▪ Water absorption at long term | WS ≤ 1.0 % | | EN 12089 |
| ▪ Water absorption at long term | WL(P) ≤ 3.0 kg/m ² | | EN 12089 |
| ▪ Reaction to fire | Euroclasse A1 | | EN 13501-1 |
| ▪ Specific heat | C 1030 J/kg-K | | EN 10456 |

ENVIRONMENT, HEALTH, AND SAFETY(REACH)

For further information and advice on the handling, storage and safe disposal of the material, the user must consult the latest version of the Safety Data Sheet (SDS) available on the Internet, at www.vimark.com, which contains information on the physical characteristics, ecological and toxicological products, together with other safety information. Product complies with the provisions of the Regulation (EC) no. 1907/2006 (REACH) and Annex XVII, item 47 and subsequent amendments and additions.

PRODUCT FOR PROFESSIONAL USE.

COMPLIANCE



LEGAL NOTES

The data and prescriptions shown in this sheet, based on the best practical and laboratory experience, refer to laboratory tests and are to be considered in any case as indicative. The information and, in particular, the instructions concerning the application and final use of Vimark products are provided in good faith based on the current knowledge and experience of Vimark on the products provided they are properly stored, handled and used under normal conditions and observing Vimark's recommendations. Considering the different conditions of use and external factors that are independent of Vimark (support, environmental conditions, laying technique directions, etc.), those wishing to use them must therefore decide whether or not the product is suitable for use. Our warranty guarantee is therefore limited to the quality and consistency of the same with regard to the finished product, and exclusively for the above reported data. The company Vimark reserves itself the right to make technical changes without prior notice. Users must always refer to the latest version of the local data sheet relating to the product in question, copies of which will be provided upon request. This technical sheet cancels and replaces all previous editions. Any updates are published on the website www.vimark.com.



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