



## COMFORT SA Slab 30

### High performance slabs for building insulation



#### Excellent thermal insulation

Thermal conductivity ( $\lambda$ ) of 0.037 (W/m.K) provides excellent thermal performance, reducing heat loss for residential and commercial buildings.



#### Excellent acoustic insulation

COMFORT SA Slabs provides optimal acoustic performance for better comfort.



#### Effective fire protection

COMFORT SA Slabs are non-combustible and classified **A1** Euro-class Reaction to Fire



# COMFORT SA Slab 30

| Characteristic                           | Symbol   | Unit                 | Quantities and measured values        | Standard                            |
|--|--|----------------------|---------------------------------------|-------------------------------------|
| Description                              | KIMMCO ISOVER stone wool products are made from volcanic rock - a natural material present in large quantities throughout the earth. These raw materials are natural basalt and dolomite coming from Saudi Arabia, our product is compliance with <b>ASTM C612</b> and <b>EN 13162</b> standard. |                      |                                       |                                     |
| Thermal Conductivity                     | T  | (°C)                 | 24                                    | EN 12 667<br>ASTM C518<br>ASTM C177 |
|  | $\lambda$  | (W/m·K)              | <b>0.037</b>                          |                                     |
| Density                                  | $\rho$   | (Kg/m <sup>3</sup> ) | 30                                    | EN 1602                             |
| Thickness                                | d  | (mm)                 | 45 - 220                              | EN 823<br>ASTM C303                 |
| Reaction to Fire Class                   | -  | -                    | Non-combustible, Euro-class <b>A1</b> | EN 13 501-1<br>ASTM E136            |
| Flame Spread                             | -  | -                    | 0                                     | ASTM E84                            |
| Smoke Development                        | -  | -                    | 0                                     | ASTM E84                            |
| Specific Thermal Capacity                | c  | (kJ/kg·K)            | ~ 1                                   | EN 10 456<br>ASTM C518              |
| Shot Contents                            | -  | (%)                  | ≤ 10% from the weight                 | ASTM C612                           |
| Water Vapour Sorption                    | -  | (%)                  | < 1% by weight                        | ASTM C1104                          |
| Water Vapour Diffusion Resistance Factor | $\mu$  | -                    | ~ 1                                   | EN 12 086                           |
| Facing                                   | <ul style="list-style-type: none"> <li>• Un-faced</li> <li>• FSK: Single or Double Faced with Foil Scrim Kraft of (112 g/m<sup>2</sup>) with reinforcement</li> <li>• Black Glass Tissue "BGT": Single or Double Faced with BGT of (60 g/m<sup>2</sup>) with reinforcement</li> </ul>            |                      |                                       |                                     |
| Miscellaneous delivery forms             | Our products are supplied in polyethylene packing. As mentioned in the MSDS product should be stored in a dry condition.   |                      |                                       |                                     |

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. For further information, please contact our team. We deliver only according to our terms of trade and terms of delivery.

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