



## ROOF SA Slab 128

### High performance slabs for building insulation



#### Excellent acoustic insulation

ROOF SA Slabs provides optimal acoustic performance for better comfort.



#### Excellent thermal insulation

Thermal conductivity ( $\lambda$ ) of 0.035 (W/m.K) provides excellent thermal performance, reducing heat loss for residential and commercial buildings.



#### Effective fire protection

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



# ROOF SA Slab 128

| 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 complied with <b>ASTM C612</b> and <b>EN 13162</b> standard. |                      |                                       |                          |
| Thermal Conductivity         | T  | (°C)                 | 24                                    | EN 12 667                |
|                              | $\lambda$  | (W/m·K)              | <b>0.038</b>                          | ASTM C518<br>ASTM C177   |
| Density                      | $\rho$   | (Kg/m <sup>3</sup> ) | 128                                   | EN 1602                  |
| Thickness                    | d  | (mm)                 | 30 - 65                               | EN 823<br>ASTM C303      |
| Length & width               | L, W   | (m)                  | 1.2 x 0.6                             | EN 822<br>ASTM C303      |
| Compressive Strength         | CS   | KPa                  | ≥ 35                                  | EN 826<br>ASTM C165      |
| 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                 |
| Shot Contents                | -  | (%)                  | ≤ 10% from the weight                 | ASTM C612                |
| Facing                       | Un-faced   |                      |                                       |                          |
| Miscellaneous delivery forms | Our products are supplied in polyethylene packing. As mentioned in the MSDS product should be stored in a dry place.   |                      |                                       |                          |

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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