

## PRODUCT DATASHEET



### PAROC Marine Slab VLO 150

Stone wool slab (cut to lamellas)

Fire insulation for shipbuilding applications.

Maximum service temperature for PAROC Marine Slab VLO 150 is 660°C.

PAROC stone wool products are capable of withstanding high temperatures. The binder starts to evaporate when its temperature exceeds approximately 200°C. The insulating properties remain unchanged, but the compressive stress weakens. The softening temperature of stone wool products is over 1000°C.

Type-Examination (Module B) certificate No. EUFI29-20002519-MED

**Nominal Density** 150 kg/m<sup>3</sup>

**Package Type** Plastic packs on pallet

| DIMENSIONS   |                     |
|--|---------------------|
| WIDTH X LENGTH   | THICKNESS           |
| 600 x 1200 mm  | 20 - 120 mm         |
| According to EN 822                                      | According to EN 823 |
| Other Dimensions: Other dimensions available on request. |                     |

## Properties

| PROPERTY  | VALUE                      | ACCORDING TO             |
|---|----------------------------|--------------------------|
| <b>FIRE PROPERTIES</b>                          |                            |                          |
| Fire Classification (IMO)                       | Non-Combustible            | IMO FTP 2010 Code Part 1 |
| <b>THERMAL PROPERTIES</b>                       |                            |                          |
| Thermal Conductivity in 50 °C, $\lambda_{50}$   | 0,042 W/mK                 | EN 12667                 |
| Thermal Conductivity in 100 °C, $\lambda_{100}$ | 0,046 W/mK                 | EN 12667                 |
| Thermal Conductivity in 200 °C, $\lambda_{200}$ | 0,060 W/mK                 | EN 12667                 |
| Thermal Conductivity in 300 °C, $\lambda_{300}$ | 0,081 W/mK                 | EN 12667                 |
| Thermal Conductivity in 400 °C, $\lambda_{400}$ | 0,110 W/mK                 | EN 12667                 |
| Thermal Conductivity in 500 °C, $\lambda_{500}$ | 0,147 W/mK                 | EN 12667                 |
| Thermal Conductivity in 600 °C, $\lambda_{600}$ | 0,192 W/mK                 | EN 12667                 |
| <b>MOISTURE PROPERTIES</b>                      |                            |                          |
| Water Absorption Short Term $W_S$ , ( $W_p$ )   | $\leq 1$ kg/m <sup>2</sup> | EN 1609                  |



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