

PRODUCT DATASHEET

PAROC Marine Fire Slab 100



Stone wool fire slab. Also possible to use with facings AluCoat, G7, N3 and N5. See "Facings".

Fire protection on ships.

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.

MED Type-Examination (Module B) certificate No. 74480/A0 and UK Type-Examination (Module B) certificate no. 74465/A0.

Nominal Density

100 kg/m³

Package Type

Plastic packs on pallet


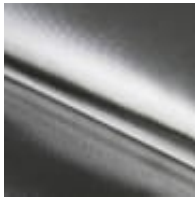


| DIMENSIONS | |
|--|---------------------|
| WIDTH X LENGTH | THICKNESS |
| 600 x 1200 mm | 25 - 100 mm |
| According to EN 822 | According to EN 823 |
| Other Dimensions: Other dimensions available on request. | |

| PROPERTY | VALUE | ACCORDING TO |
|---|-------|--------------|
| DIMENSIONAL STABILITY | | |
| Maximum Service Temperature - Dimensional Stability | 660°C | EN 14706 |

Properties

| PROPERTY | VALUE | ACCORDING TO |
|---|-------------------------|----------------------------------|
| FIRE PROPERTIES | | |
| Fire Classification (IMO) | Non-combustible | IMO 2010 FTP Code Annex 1 Part 1 |
| THERMAL PROPERTIES | | |
| Thermal Conductivity in 10 °C, λ_{10} | 0,035 W/mK | EN 12667 |
| Thermal Conductivity in 50 °C, λ_{50} | 0,039 W/mK | EN 12667 |
| Thermal Conductivity in 100 °C, λ_{100} | 0,045 W/mK | EN 12667 |
| Thermal Conductivity in 150 °C, λ_{150} | 0,052 W/mK | EN 12667 |
| Thermal Conductivity in 200 °C, λ_{200} | 0,060 W/mK | EN 12667 |
| Thermal Conductivity in 300 °C, λ_{300} | 0,081 W/mK | EN 12667 |
| Thermal Conductivity in 400 °C, λ_{400} | 0,107 W/mK | EN 12667 |
| Thermal Conductivity in 500 °C, λ_{500} | 0,140 W/mK | EN 12667 |
| Thermal Conductivity in 600 °C, λ_{600} | 0,175 W/mK | EN 12667 |
| Thermal Conductivity in 660 °C, λ_{660} | 0,200 W/mK | EN 12667 |
| MOISTURE PROPERTIES | | |
| Water Absorption, Short Term WS, (W_p) | $\leq 1 \text{ kg/m}^2$ | EN 1609 |

Appearance

| FACINGS | | | | |
|---------|--|---|--|--|
| |  |  |  |  |
| | AluCoat | G7 | N3 | N5 |



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