

## PRODUCT DATASHEET



### PAROC Marine Mat 80

Stone wool mat. Also possible to use with facing AluCoat. See "Facings".

Fire and thermal insulation 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.

Type-Examination (Module B) certificate No. EUFI29-20002518-MED

**Nominal Density**

80 kg/m<sup>3</sup>

**Package Type**

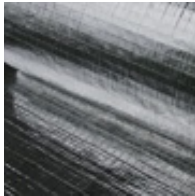

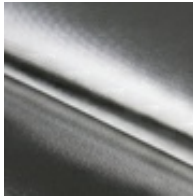
Plastic Packs on Pallet

| DIMENSIONS  |                     |
|---|---------------------|
| WIDTH X LENGTH  | THICKNESS           |
| Width 600 or 1000 mm, length 2000 - 8000 mm, depending on thickness | 30 - 100 mm         |
| According to EN 822   | According to EN 823 |

## 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 10 °C, $\lambda_{10}$   | 0,036 W/mK              | EN 12667                 |
| Thermal Conductivity in 50 °C, $\lambda_{50}$   | 0,040 W/mK              | EN 12667                 |
| Thermal Conductivity in 100 °C, $\lambda_{100}$ | 0,046 W/mK              | EN 12667                 |
| Thermal Conductivity in 200 °C, $\lambda_{200}$ | 0,064 W/mK              | EN 12667                 |
| Thermal Conductivity in 300 °C, $\lambda_{300}$ | 0,089 W/mK              | EN 12667                 |
| Values announced by the manufacturer.           |                         |                          |
| <b>MOISTURE PROPERTIES</b>                      |                         |                          |
| Water Absorption Short Term WS, ( $W_p$ )       | $\leq 1 \text{ kg/m}^2$ | EN 1609                  |

## Appearance

| FACINGS |   |   |  |
|---------|---|---|--|
|         | <br>AluCoat | <br>G4 | <br>G7 |



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