

PAROC Marine Mat 80

PAROC Marine Mat 80 is a non-combustible stone wool mat for thermal insulation on ships.

The product is also available with AluCoat and G7 facings.



Product datasheet

19.2.2025

| Dimensions | Width x Length (mm) | Thickness (mm) |
|------------|-------------------------|----------------|
| | 500/600/900/1000 x 8000 | 30 |
| | 500/600/900/1000 x 6500 | 40 |
| | 500/600/900/1000 x 5000 | 50 |
| | 500/600/900/1000 x 4000 | 60 |
| | 500/600/900/1000 x 3500 | 70 |
| | 500/600/900/1000 x 3000 | 80 |
| | 500/600/900/1000 x 2000 | 100 |
| | 500/600/900/1000 x 2000 | 120 |

Nominal Density
80 kg/m³
Plastic packs on pallet

Product characteristics

Fire Classification (IMO 2010 FTP Code Annex 1)

Part 1, Non-combustibility

Type-Examination (Module B) certificate(s)

74480/A1 MED, 74465/A1 UK

Quality system

MED

UK

Surveillance (Module D) certificate(s)

SMS.MED2.D/93834/A.3

SMS.UK.D/93834/A.2

Water absorption short term (EN 29767)

≤ 1 kg/m²

Thermal conductivity

See table below

| | | | | | | | | |
|-----------------------------|-------|--|--|--|--|--|--|--|
| Mean temperature (°C) | 10 | | | | | | | |
| Thermal conductivity (W/mK) | 0.036 | | | | | | | |

Fire Properties

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.

Environmental Properties

PAROC stone wool products are made from clean, natural material. They are environmentally friendly throughout their lifecycle, causing no harm to nature during or after their use. Stone wool does not contain any ingredients or chemicals that prevent or impede recycling.

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