

PAROC Marine Mat 50 AluCoat

PAROC Marine Mat 50 AluCoat is a non-combustible stone wool mat with glass-fiber scrim reinforced aluminium foil facing for thermal insulation on ships.



Product datasheet

19.2.2025

Dimensions	Width x Length (mm)	Thickness (mm)
	500/600/900/1000 x 8000	30
	500/600/900/1000 x 7000	40
	500/600/900/1000 x 6500	50
	500/600/900/1000 x 6000	60
	500/600/900/1000 x 5500	70
	500/600/900/1000 x 5000	80
	500/600/900/1000 x 4000	100
	500/600/900/1000 x 2500	120
Nominal Density	50 kg/m ³ Plastic packs on pallet	

Product characteristics	Fire Classification (IMO 2010 FTP Code Annex 1)		Type-Examination (Module B) certificate(s)						
	Part 1, Non-combustibility		74480/A1 MED, 74465/A1 UK						
	Part 5, Low Flame-Spread characteristics		74479/A1 MED, 74467/A1 UK						
	Quality system		Surveillance (Module D) certificate(s)						
	MED		SMS.MED2.D/93834/A.3						
	UK		SMS.UK.D/93834/A.2						
	Water absorption short term (EN 29767)		≤ 1 kg/m ²						
	Thermal conductivity		See table below						
	Mean temperature (°C)	10							
	Thermal conductivity (W/mK)	0.034							

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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