

PAROC Marine Wired Mat 80

PAROC Marine Wired Mat 80 is a non-combustible stone wool wired mat with galvanized mesh for thermal insulation on ships.

The product is also available with AluCoat and G7 facings.



Product datasheet

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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/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						
	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)		0.036							

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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