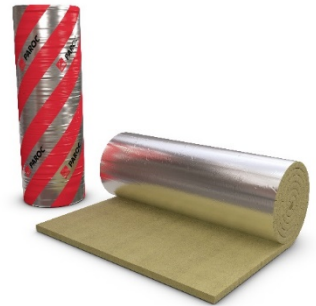


PAROC Marine Lamella Mat 50 AluCoat

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

The product is also available with G7 facing.



Product datasheet

19.2.2025

Dimensions	Width x Length (mm)	Thickness (mm)
	500/1000 x 10000	20
	500/1000 x 9000	25
	500/1000 x 8000	30
	500/1000 x 6000	40
	500/1000 x 5000	50
	500/1000 x 4000	60
	500/1000 x 3500	70
	500/1000 x 3000	80
	500/1000 x 2500	90
	500/1000 x 2500	100
	500/1000 x 2400	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)	0.039						

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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