

PAROC Marine Lamella Mat 35 AluCoat

PAROC Marine Lamella Mat 35 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

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Dimensions	Width x Length (mm)	Thickness (mm)
	1000 x 10000	20
	1000 x 9000, 1000 x 8000	25
	1000 x 8000	30
	1000 x 6000	40
	1000 x 5000	50
	1000 x 4000	60
	1000 x 3500	70
	1000 x 3000	80
	1000 x 2500	90
	1000 x 2500	100
Nominal Density	35 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)	0.038						

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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