

PAROC Marine Wired Mat 80

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

The product is also available with stainless steel mesh and sewing wire (W2) and AluCoat and G7 facings.



Product datasheet

1.7.2025

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)	Type-Examination (Module B) certificate(s)					
	Part 1, Non-combustibility	74480/A2 MED, 74465/A2 UK					
Quality system	Surveillance (Module D) certificate(s)						
MED	SMS.MED2.D/93834/A.4						
UK	SMS.UK.D/93834/A.3						
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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