

## PAROC Marine Wired Mat 100



**Certification Number** VTT-C-11348-15-15 / Technical Research Centre of Finland (VTT)

**Short Description** Stone wool wired mat. Also possible to use with facings AluCoat, G1, G2 and G3. See "Facings".

**Application** Fire insulation on ships.

**As per:** Type-Examination (Module B) certificate No. VTT-C-11348-15-15 issued by VTT.

**Nominal Density** 100 kg/m<sup>3</sup>

Maximum service temperature for PAROC Marine Wired Mat 100 is 660°C. 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.

### Dimensions

Dimensions	
Width x Length	Thickness
Width 500/600/900/1000 mm, length 2000 - 8000 depending on thickness. mm	30 - 120 mm
In accordance with EN 822	In accordance with EN 823

### Packaging

**Package Type** Plastic Packs on Pallet

### Fire Properties

Other Fire Properties		
Property	Value	According to
Fire Classification (IMO)	Non-Combustible	IMO FTP Code Part 1

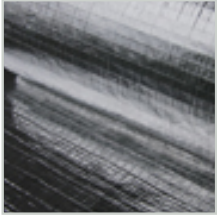
### Thermal Properties

Thermal Conductivity (values announced by manufacturer)		
Property	Value	According to
Thermal Conductivity in 10 °C, $\lambda_{10}$	0,039 W/mK	EN 12667
Thermal Conductivity in 50 °C, $\lambda_{50}$	0,042 W/mK	EN 12667
Thermal Conductivity in 100 °C, $\lambda_{100}$	0,047 W/mK	EN 12667
Thermal Conductivity in 200 °C, $\lambda_{200}$	0,063 W/mK	EN 12667
Thermal Conductivity in 300 °C, $\lambda_{300}$	0,083 W/mK	EN 12667

## Moisture Properties

Water Permeability		
Property	Value	According to
Water Absorption, Short Term WS, $W_p$	$\leq 1,0 \text{ kg/m}^2$	EN 1609

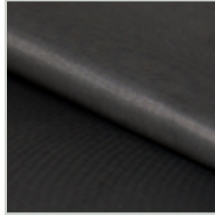
## Facings



AluCoat



G1



G2



G3

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