

# PAROC Marine Fire Slab 100



Certification Number

Designation Code Short Description

Application

As per: Type-Examination (Module B) certificate No. VTT-C-5815-15-10 issued by VTT.

Nominal Density

100 kg/m<sup>3</sup>

MW-EN 14303-T5-WS1

Fire protection on ships.

Maximum service temperature for PAROC Marine Fire Slab 100 is 750°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.

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Stone wool fire slab. Also possible to use with facings AluCoat, G1, G2, G3, G4, G7, N3 and N5. See "Facings".

#### **Dimensions**

Width x Length	Thickness
600 x 1200 mm	25 - 100 mm
Standard EN 822	Standard EN 823

Other Dimensions

Other dimensions available on request.

Packaging

Package Type

Plastic packs on pallet

# **Fire Properties**

Value	In accordance with
Non-Combustible	IMO FTP Code Part 1

# Thermal Properties

Thermal Conductivity			
Description	Value	In accordance with	
Thermal Conductivity (declared) in 1	Ο °C, λ <sub>10</sub> 0,037	EN 12667	

### **Moisture Properties**

Description	Value	In accordance with
Short Term Water Absorption (Declared), WS, Wn	$\leq 1 \text{ kg/m}^2$	EN 1609



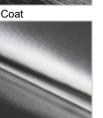
# **Mechanical Properties**

Description	Value	In accordance with
Compressive stress at 10 % deformation (Declared), CS(10), ( $\sigma_{10}$ )	>=10 kPa	EN 826

# Facings



AluCoat



G7

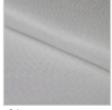
N3

G1





N5



G3



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