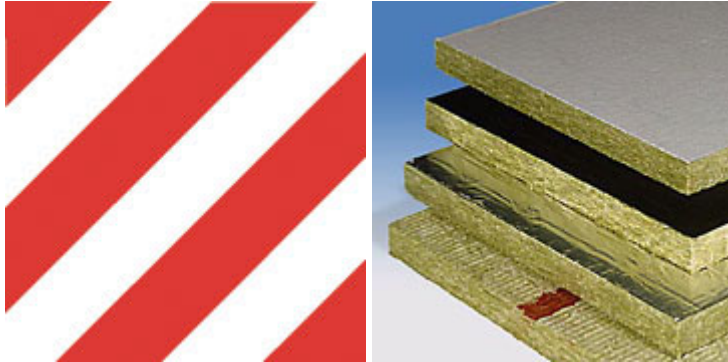


PAROC Marine Fire Slab 100 N5



Short Description

Stone wool fire slab with a grey glass fibre non-woven tissue.

Application / Marine

Fire protection on ships.

Technical Properties

Nominal Density

100 kg/m³

Maximum Operating Temperature

350 °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

Width x Length

600x1200 mm

Other Dimensions

Other dimensions subject to enquiry.

Thickness

25-100 mm

Thermal Properties

Thermal Conductivity in 10 °C, λ_{10} 0.033 W/mK

Thermal Conductivity in 50 °C, λ_{50} 0.038 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.045 W/mK

Thermal Conductivity in 150 °C, λ_{150} 0.053 W/mK

Thermal Conductivity in 200 °C, λ_{200} 0.063 W/mK

Thermal Conductivity in 300 °C, λ_{300} 0.088 W/mK

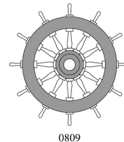
Values announced by the manufacturer.

Mechanical Properties

Compressive Stress at 10 % deformation (Declared), CS(10), In accordance with (σ_{10})

≥10 kPa

EN 826



Tolerances according to SFS 5454.

Packaging

Pallet with hood

Fire Properties

Marine Fire Classification

Non-Combustible

In accordance with

IMO FTP Code Part 1

Surface Flammability (Marine)

Low flame-spread

In accordance with

IMO FTP Code Part 2 and 5



PAROC OY AB, P.O. Box 47 (Läkkisepäntie 23), FI-00621 Helsinki Finland, Tel. +358 46 876 8000, Fax +358 46 876 8002, www.paroc.com

The information in this data sheet represents the sole and comprehensive description of the condition of the product and its technical properties. However, the content of this data sheet does not mean granting a commercial guarantee. In so far as the product is used in an area of use which is not provided for in this data sheet, we cannot warrant its suitability for said area of use unless the suitability was expressly confirmed by us upon request. This data sheet replaces all previous ones. As a result of constant further development of our products we reserve the right to make alterations to data sheets. PAROC and red and white stripes are registered trade marks of Paroc Oy Ab. © Paroc Group 2009.