

PRODUCT DATASHEET



PAROC Pro Section 100 G4

Stone wool pipe section with a white glass fiber cloth with aluminum foil below.

Fire and thermal insulation for pipes and ducts on ships.

Maximum service temperature for PAROC Pro Section 100 G4 is 250°C. Surface temperature of the facing must not exceed 80°C (temperature restriction determined in accordance with heat resistance adhesive).

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.

Type-Examination (Module B) certificate No. VTT-C-6624-15-11

Nominal Density

100 kg/m³

Package Type

Plastic packs on pallet

DIMENSIONS		
THICKNESS	INNER DIAMETER	PIPE SECTION LENGTH
20 - 100 mm	12 - 273 mm	1200 mm
According to EN 13467	According to EN 13467	According to EN 13467
Other Dimensions: Other dimensions available on request.		

Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Combustibility	Base product non-combustible	EN ISO 1182
Fire Classification (IMO)	Non-combustible	IMO FTP Code Part 1
Surface Flammability (IMO)	Low flame-spread characteristics	IMO FTP Code Part 2 and 5
THERMAL PROPERTIES		
Thermal Conductivity in 50 °C, λ_{50}	0,039 W/mK	EN ISO 8497
Thermal Conductivity in 100 °C, λ_{100}	0,045 W/mK	EN ISO 8497
Thermal Conductivity in 200 °C, λ_{200}	0,064 W/mK	EN ISO 8497
Thermal Conductivity in 300 °C, λ_{300}	0,092 W/mK	EN ISO 8497
Values announced by the manufacturer.		
MOISTURE PROPERTIES		
Water Absorption, Short Term WS, (W_p)	$\leq 1 \text{ kg/m}^2$	EN 13472



Head Office: PAROC GROUP, P.O. Box 240 (Energiajuha 3), FI-00181 Helsinki Finland, Tel. +358 46 876 8000, www.paroc.com

The information in this brochure describes the conditions and technical properties of the disclosed products, valid at the time of publication of this document and until replaced by the next printed or digital version. The latest version of this brochure is always available on the Paroc website. Our information material presents applications for which the functions and technical properties of our products have been approved. However, the information does not mean a commercial guarantee. We do not assume liability of the use of third party components used in the application or the installation of our products. We cannot warrant the suitability of our products if used in an area or conditions which are not provided in our information material. As a result of constant further development of our products we reserve the right to make alterations to our information material at any time. PAROC is a registered trademark of Paroc Group. This data sheet is valid in following countries: international use (general information).