

## PRODUCT DATASHEET



### PAROC Marine Floor Slab 140

Stone wool slab

Stone wool slab for floating floors on ships.

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. EUFI29-20002519-MED

**Nominal Density** 140 kg/m<sup>3</sup>

**Package Type** Plastic packs on pallet

DIMENSIONS	
WIDTH X LENGTH	THICKNESS
600 x 1200 mm	30 - 100 mm
According to EN 822	According to EN 823
Other Dimensions: Other dimensions available on request.	

## Properties

PROPERTY	VALUE	ACCORDING TO
<b>FIRE PROPERTIES</b>		
Fire Classification (IMO)	Non-Combustible	IMO FTP 2010 Code Part 1
<b>THERMAL PROPERTIES</b>		
Thermal Conductivity in 10 °C, $\lambda_{10}$	0,036 W/mK	EN 12667
Thermal Conductivity in 50 °C, $\lambda_{50}$	0,042 W/mK	EN 12667
Thermal Conductivity in 100 °C, $\lambda_{100}$	0,046 W/mK	EN 12667
Thermal Conductivity in 200 °C, $\lambda_{200}$	0,060 W/mK	EN 12667
Thermal Conductivity in 300 °C, $\lambda_{300}$	0,081 W/mK	EN 12667
Thermal Conductivity in 400 °C, $\lambda_{400}$	0,110 W/mK	EN 12667
Thermal Conductivity in 500 °C, $\lambda_{500}$	0,147 W/mK	EN 12667
Thermal Conductivity in 600 °C, $\lambda_{600}$	0,192 W/mK	EN 12667
<b>MOISTURE PROPERTIES</b>		
Water Absorption Short Term WS, ( $W_p$ )	$\leq 1 \text{ kg/m}^2$	EN 1609
<b>MECHANICAL PROPERTIES</b>		
Compressive Stress at 10 % deformation CS(10), $\sigma_{10}$	$\geq 20$	EN 826



Head Office: PAROC GROUP, P.O. Box240 (Energiakuja 3), FI-00181 Helsinki Finland, Tel. +358 46 876 8000, [www.paroc.com](http://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).