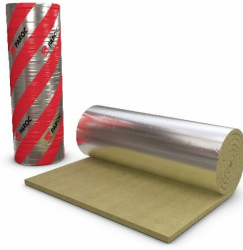


## PRODUCT DATASHEET



### PAROC Marine Lamella Mat 35 AluCoat

Stone wool lamella mat with reinforced aluminium foil facing. For Marine applications also available with facing G4.

Thermal and condensation insulation of air ducts and other ventilation ducts and equipment.

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.

EC Type-Examination (MED Module B) certificates No. 74480/A0 and No. 74479/A0.

**Nominal Density**  
**Package Type**

35 kg/m<sup>3</sup>  
Plastic Packs on Pallet

DIMENSIONS	
WIDTH X LENGTH	THICKNESS
1000 x 10000	20 mm
1000 x 9000, 1000 x 8000	25 mm
1000 x 8000	30 mm
1000 x 6000	40 mm
1000 x 5000	50 mm
1000 x 4000	60 mm
1000 x 3500	70 mm
1000 x 3000	80 mm
1000 x 2500	90 mm
1000 x 2500	100 mm
According to EN 822	According to EN 823
Please contact you local sales office for product sizes availability.	

## Properties

PROPERTY	VALUE	ACCORDING TO
<b>FIRE PROPERTIES</b>		
Fire Classification (IMO)	Non-combustible	IMO 2010 FTP Code Annex 1 Part 1
Surface Flammability (IMO)	Low flame spread	IMO 2010 FTP Code Annex 1 Part 5
<b>THERMAL PROPERTIES</b>		
Thermal Conductivity in 10 °C, $\lambda_{10}$	0,038 W/mK	EN 12667
Thermal Conductivity in 50 °C, $\lambda_{50}$	0,047 W/mK	EN 12667
Thermal Conductivity in 100 °C, $\lambda_{100}$	0,059 W/mK	EN 12667
Thermal Conductivity in 150 °C, $\lambda_{150}$	0,074 W/mK	EN 12667
Thermal Conductivity in 200 °C, $\lambda_{200}$	0,091 W/mK	EN 12667
Thermal Conductivity in 250 °C, $\lambda_{250}$	0,110 W/mK	EN 12667
Dimensions and Tolerances	T4	EN 823
<b>MOISTURE PROPERTIES</b>		
Water Absorption, Short Term WS, ( $W_p$ )	$\leq 1$ kg/m <sup>2</sup>	EN 1609
Water Vapour Diffusion Resistance	MV2	EN 12086
Chloride Ions, Cl-	< 10 ppm	EN 13468
<b>SOUND PROPERTIES</b>		
Sound Absorption	NPD	EN ISO 354
<b>MECHANICAL PROPERTIES</b>		
Compressive Stress at 10 % deformation CS(10), $\sigma_{10}$	NPD	EN 826
<b>EMISSIONS</b>		
Release of Dangerous Substances	NPD	



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