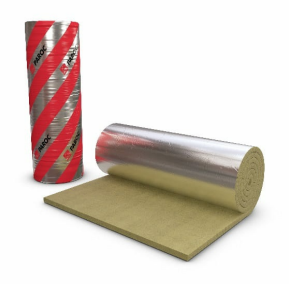
PRODUCT DATASHEET



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 35 kg/m³

Package Type 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
FIRE PROPERTIES		
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
THERMAL PROPERTIES		
Thermal Conductivity in 10 °C, λ_{10}	0,038 W/mK	EN 12667
Thermal Conductivity in 50 °C, λ_{50}	0,047 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ_{100}	0,059 W/mK	EN 12667
Thermal Conductivity in 150 °C, λ_{150}	0,074 W/mK	EN 12667
Thermal Conductivity in 200 °C, λ_{200}	0,091 W/mK	EN 12667
Thermal Conductivity in 250 °C, λ_{250}	0,110 W/mK	EN 12667
Dimensions and Tolerances	T4	EN 823
MOISTURE PROPERTIES		
Water Absorption, Short Term WS, (W_p)	≤ 1 kg/m²	EN 1609
Water Vapour Diffusion Resistance	MV2	EN 12086
Chloride Ions, Cl-	< 10 ppm	EN 13468
SOUND PROPERTIES		
Sound Absorption	NPD	EN ISO 354
MECHANICAL PROPERTIES		
Compressive Stress at 10 % deformation CS(10), σ_{10}	NPD	EN 826
EMISSIONS		
Release of Dangerous Substances	NPD	

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