



Reinforced Aluminium foil Alu1

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Thin Aluminium foil (18 µm) reinforced with a fiberglass scrim.



Marine approval

Certificated for marine applications (Low Flame Spread according to IMO).



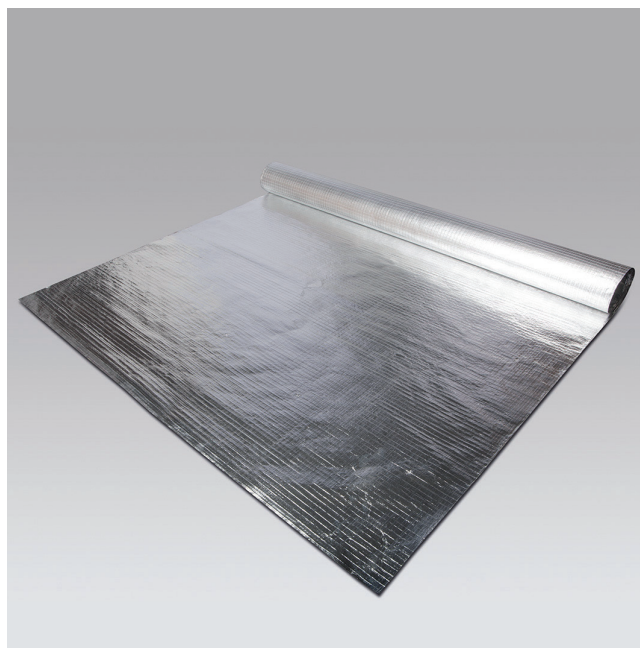
Water resistance

Provide protection to mineral wool against moisture and water ingress. Vapour barrier.



Easy handling

Rolls in handable delivery form that can be carried by one person (< 20 kg).



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Characteristic	Symbol	Unit	Quantities and measured values	Standard
Application fields	-	-	Facing of mineral wool products	-
Material	-	-	Aluminium foil 18 µm, soft, shiny side outside (visible facing of finished product), clarity > 98 % concerning DIN 1712; Fibreglass RG 2/1 - 34/34; Fibreglass heatsealed on Aluminium with Polyethylen.	-
Thickness of aluminium foil	-	µm	18 ± 8 %	-
Gramweight	-	g/m²	66	DIN EN ISO 536
Behaviour in fire	-	-	Low Frame Spread according to IMO. Certificate Nr.: 118.147	IMO-Resolution MSC.61(67)-(FTPCode),IMO MSC/Circ. 1120
Tensile strength	-	N/m	Dir.: 4000 Cross dir.: 2000	DIN EN ISO 1924
Elongation at break	-	-	Dir.: 2,8 % Cross dir.: ≥ 3,5 %	DIN EN ISO 1924
Burst strength	-	kPa	180	DIN EN ISO 2758
Temperature resistance	-	°C	-5 to +90	-
Corrosion 60C/95%R.H./24h	-	-	0	-
Water vapour permeability	-	g/m²/24h	0,05	DIN EN ISO 12572
Infrared reflectivity	-	-	85 %	-

Delivery form*			
Length [m]	Width [m]	Diameter [m]	Weight per roll [kg]
200	1,20	0,17	19

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