



# Reinforced Aluminium foil Alu1

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



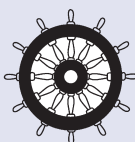
## Water resistance

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



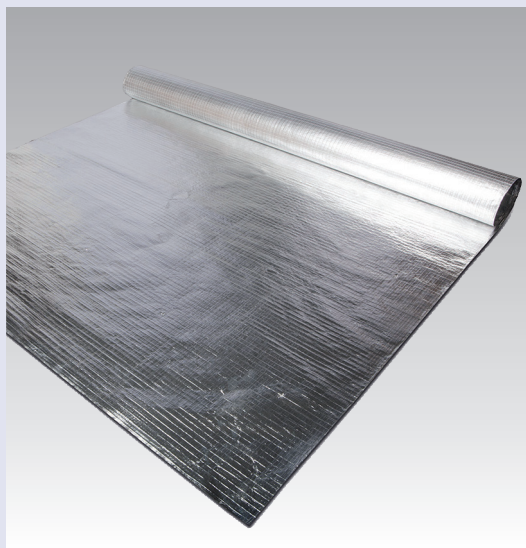
## Easy handling

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



## Marine approval

Certified for marine applications  
Low Flame Spread according to IMO rules



# Reinforced Aluminium foil Alu1



Characteristic	Symbol	Unit	Quantities and measured values	Standard
<b>Application fields</b>	-	-	Facing for mineral wool products	-
<b>Material</b>	-	-	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	-
<b>Thickness</b>	-	[µm]	18 ± 8 %	-
<b>Gramweight</b>	-	[g/m²]	66	DIN EN ISO 536
<b>Behaviour in fire</b>	-	-	Low Frame Spread according to IMO. Certificate Nr.: 118.147	IMO-Resolution MSC.61(67)-(FTPCode),IMO MSC/Circ. 1120
<b>Tensile strength</b>	-	[N/m]	Dir.: 4000 Cross dir.: 2000	DIN EN ISO 1924
<b>Elongation at break</b>	-	-	Dir.: 2.8 % Cross dir.: ≥ 3.5 %	DIN EN ISO 1924
<b>Burst strength</b>	-	[kPa]	180	DIN EN ISO 2758
<b>Temperature resistance</b>	-	[°C]	-5 to +90	-
<b>Corrosion</b>	-	[60C/ 95 %R.H./ 24h]	0	-
<b>Water vapour permeability</b>	-	[g/m²/24h]	0.05	DIN EN ISO 12572
<b>Infrared reflectivity</b>	-	-	85 %	-

Delivery form: Standard dimensions / packaging information*			
Length (m)	Width (mm)	Diameter (m)	Weight per roll (kg)
200	1.20	0.17	19

\* Dimensions on request, products with minimum order quantities are requested

[www.isover-technical-insulation.com](http://www.isover-technical-insulation.com)

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.

SAINT-GOBAIN ISOVER · "Les Miroirs" · 18, avenue d'Alsace · 92400 Courbevoie · France

**ISOVER**  
SAINT-GOBAIN