

### PURE ALUMINUM FOIL

Technical data sheet

High-grade aluminium – AL 99,5%  
Soft and smooth



#### Charatteristics:

- Used as vapor barrier and reflecting layer for mineral wool facing in form of slabs, lamella mats, pipe covers, etc.
- Construction material class A1 in accordance with DIN 4102
- Produced according to the standards: DIN 1784, EN 485, EN 546, EN 573
- Alloy: EN AW – 1050A
- Resistant of corrosion: when it is getting in contact with air and moisture there builds a layer of oxide on the surface
- Physiologically and bacterially neutral: no breeding ground for bacteria and vermin, therefore no influence or damage to the human or animal organism
- Absolutely gas and water vapor-tight
- Extremely high heat reflection
- Environment-friendly and recyclable
- Energy-saving
- Not inflammable accord to V SIA norm 183/2
- No decaying
- Chemical resistance against all greases, acids and oils; apart from alkaline and fluorine dissolved in water

#### Technical Data:

Property	Unit	Value
Thickness	mm	0,03 to 0,3
Standard width	mm	500, 1000, 1200
Standard length	m	25, 50, 100
Temperature resistance	°C	up to 600
Water vapor permeability		zero
Elongation	%	≥ 4
Tensile strength	N/mm	45 - 95
Further tearing strength	N	0,99
Pierce resistance	J	0,50
Fold bending according to SIA N280	-10 °C	No tear
Tolerance thickness	%	± 8
Tolerance width	mm	± 2
Sd value	*50 µm	> 1500

Our products are the result of fundamental research. They correspond to the latest technical standard. For their useful application we give data and technical information to the best of our knowledge but, however, without any warranty. In special cases the user shall make his own tests to determine the suitability of the products for his purpose.