

DATA SHEET

Version: 01. June 2018



Aluminium adhesive foil 0.05 mm A2

Self-adhesive pure aluminium foil

- Specialty adhesive with outstanding properties used for sealing applications in sea-going vessels
- A2 according to DIN 4102
- Fire prevention according to DIN 4102 and IMO/SOLAS
- High ageing resistance
- High heat resistance
- Acts as a water and vapour barrier with excellent weathering resistance
- Very high adhesive strength, even for effects of moisture further down the line

Applications

- ▶ Structural engineering and shipbuilding
- ▶ Ventilation lines, air-conditioning ducts

Technical data

Material:	Pure aluminium, flexible, smooth; and acrylic adhesive
Backing paper:	Adhesive-repellent PE-film
Thickness:	Aluminium approx. 25 μ m (0.025 mm) Adhesive approx. 25 μ m (0.025 mm) Total: approx. 50 μ m (0.05 mm)
Width:	max. 1.000 mm (narrow rolls available)
Length:	100 m
Elongation at break:	>3% (DIN EN 14410)
Breaking strength:	>20 N/cm (DIN EN 14410)
Adhesive strength on steel:	min. 6.0 N/cm (DIN EN 1939)
Heat resistance:	-40°C to +130°C
Building material class:	B1, low flammability (DIN 4102 A2)
Water vapour permeability:	< 1 g/m ² /d = practically impermeable to water vapour, however, no sealing in floor construction (DIN 18195 T4)
sd-value:	>1500 m (DIN 52615)
Environment:	The product does not contain harmful substances. Dispose of small amounts of waste as residual waste and in accordance with local regulations.
Notes:	Avoid damage through mechanical fixings
Storage:	at approx. 15°C-30°C, relative humidity not exceeding 65%

The above values are intended as a guide or have been obtained under laboratory conditions and do not constitute any guarantee of product properties. We recommend carrying out preliminary tests to check that our products are suitable for use with other products. Under our General Terms and Conditions, we guarantee consistently high product quality, but due to the many possible applications we cannot accept any liability for specific results in practical applications. This data sheet supersedes any previous versions.