

ISOLCLAD® 5-ply

Technical data sheet

Self-adhesive cladding for technical insulation

Characteristics:

- Special adhesive for superior cold weather adhesion and for application on sites
- Excellent high and low temperature performance
- A barrier against water, water vapor and moisture penetration
- Solvent free and great chemical resistance
- Excellent resistance against ageing
- Available in silver and silver stucco embossed texture

Applications:

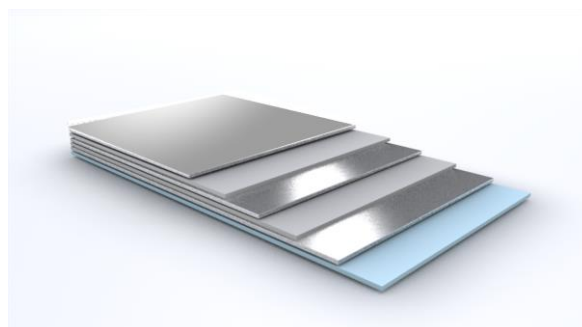
The lightweight alternative to metal. For sealing of seams and joints of aluminium coated insulation systems in air ducts and pipelines and for large-area lamination of mineral wool and fiberglass facings or industrial foam products. Can be easily cut on-site and tailored without any special expensive tools.

Storage:

at about 20°C to 30°C and max. 65 % humidity

Standard Sizes:

Width 600 mm, 914mm
Length 50 m



Construction:

Backing material: HQ special 5-ply laminate from aluminium and polyester films

Adhesive: Polyacrylic X-linked

Liner: siliconized paper

Technical data:

Property	Norm	Unit	Value
Thickness	DIN EN 1942	mm	0,09 ± 0,03
Elongation at break	DIN EN 14410	%	> 20
Tensile strength	DIN EN 14410	N/cm	140
Adhesion to steel	DIN EN 1939	N/cm	> 10
Water vapour permeability	AFERA 4002	g/m² x 24h	< 1
Temperature resistance	-	°C	-40 to + 130
Application temperature	-	°C	-20 to +30
180° Peel on SS 20min		N/25mm	25 AF
180° Peel on SS 24h		N/25mm	36 CF
Static Shear at room temp. 1kg		h	>75

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.