

ISOLPAK CLAD 7-ply

Technical data sheet

Self-adhesive jacketing product for outdoor application

Characteristics:

- Special adhesive for superior cold weather adhesion and for application on sites
- Excellent high and low temperature performance
- Safe protection against UV exposure
- A barrier against water, water vapor and moisture penetration
- Solvent free and great chemical resistance
- Excellent resistance against ageing
- Available in white, black, silver, grey and 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.

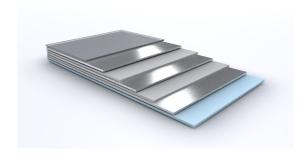
Storage:

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

Standard Sizes:

Width 600 mm Length 50 m

Technical Information



Construction:

Backing HQ special 7-ply laminate from material: aluminium and polyester film, and

on top a transparent UV protection

film

Adhesive: Polyacrilic X-linked Liner: siliconized paper

Technical data:

Property	Norm	Unit	Value
Thickness	DIN EN 1942	mm	0,15
			± 0,03
Elongation at break	DIN EN 14410	%	> 50
Tensile strength	DIN EN 14410	N/15mm	>200
according to test			
method EN 527-3 Tear strength along			>20
machind and cross	DIN 53363	N	>20
direction.			
Adhesion to steel	DIN EN 1939	N/cm	> 10
Water vapour	AFERA 4002	g/m² x 24h	< 1
permeability			
Temperature	-	°C	-40 to
resistance			+ 130
Puncture resistance			
- Test type Ø 0.8 mm	EN 14477:2002	N	>25
- Test type ∅ 3.0 mm	EN 14477:2002	N	>100
Quantified UV resistance	ISO 4892-2	Hours	>10000
Saltwater resistance	ASTM B117-11	Hours	300
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		h	>75
temp. 1kg			

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.