

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.

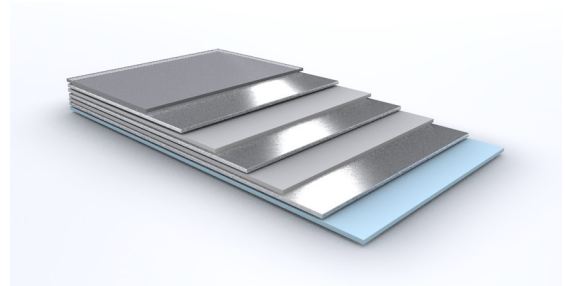
Storage:

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

Standard Sizes:

Width 600 mm

Length 50 m



Construction:

Backing material: HQ special 7-ply laminate from aluminium and polyester film, and on top a transparent UV protection film

Adhesive: Polyacrylic 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/cm | 68 |
| Adhesion to steel | DIN EN 1939 | N/cm | > 10 |
| Water vapour permeability | AFERA 4002 | g/m ² 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.