Technical Datasheet

ISOMAT BUTYL-TAPE ALU

Self-sdhesive butyl sealing tape, protected by a reinforced aluminum film

Description

ISOMAT BUTYL-TAPE ALU is a self-adhesive sealing tape consisting of a high-performance butyl rubber adhesive compound, protected by a reinforced aluminum film. It is highly adhesive, even at low temperatures, to all common building materials and highly resistant to aging and UV rays. ISOMAT BUTYL-TAPE ALU is available in various sizes for multi-purpose applications. Further characteristics:

- Tear-resistant
- Cold-applied
- Excellent adhesion at low temperatures
- Waterproof and self-sealing
- Excellent heat stability
- Resistant to aging and UV rays
- No oil migration
- Solvent-free

Fields of application

Sealing and joining materials such as glass, steel, plexiglas, polycarbonate, wood, aluminium, PVC. ISOMAT BUTYL TAPE ALU can be used for the sealing of doors and windows frames, conservatories, gutters, piping and ducting. ISOMAT BUTYL TAPE ALU can also be applied in construction on canopies, roofs, chimneys and skylights.

Technical data

Thickness:	0.6 mm
Tensile strength: (EN 12311-1)	Long. 185 N/50 mm Trans. 200 N/50 mm
Elongation at break: (EN 12311-1)	Long. 10 % Trans. 20 %
180° Peel Adhesion: (ASTM D 1000)	20 N/cm
Probe Tack: (ASTM D 2979)	8.0 N
Application temperature:	0°C up to +40°C
Service temperature:	-30°C up to +90°C

Directions for use

1. Substrate
The sealing tape must be applied to a clean, dry, smooth and dust-free surface.
For an application between 0°C and 5°C, ensure that frost or condensation are absent on the surface. In case of porous substrates, it's advisable to stabilize the surface. No special tools are required to install this sealing tape.

2. Application
Unroll the tape until the desired length is reached. Start removing the release liner that covers the adhesive part of the tape and position the sealing tape. Carry out a roll-pressing to avoid entrapment of air bubbles. When connecting two tapes, use an overlap of at least 5 cm. Press with a roller or a cloth pad.

Packaging

Rolls:

- 5 cm x 10 m
- 10 cm x 10 m
- 20 cm x 10 m

Shelf life – Storage

The quality and the characteristics of the materials remain unaltered for a long period of time. However, it is recommended to use the product within 12 months from production date. The product must be stored in the original and unopened packaging in a dry and well ventilated place at a temperature between +5°C and +40°C. Storage above +50°C may lead to difficulties in removing the release liner when applying. The product is not affected by frost.

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