

ISOMAT BUTYL TAPE ALU

High performance self-adhesive butyl sealing tape with reinforced aluminium 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 aluminium 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 ageing and to 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 supports 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.

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

MAIN OFFICES - FACTORY:

17th km Thessaloniki - Ag. Athanasios Road,
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,
Tel.: +30 2310 576 000, Fax: +30 2310 722 475

www.isomat.eu e-mail: support@isomat.eu