Technical Datasheet

ISOMAT BUTYL-TAPE

Self-adhesive butyl tape covered with non-woven polypropylene

Description

ISOMAT BUTYL-TAPE is a self-adhesive sealing tape consisting of a butyl rubber adhesive compound, protected by a polypropylene fleece. It is characterized by the easy peel siliconized release liner.
ISOMAT BUTYL-TAPE has been developed for applications where it is both necessary to have a high adhesion property on materials such as concrete, plaster boards or ceramic and featuring a smooth, absorbing surface.
The non-woven fleece allows the tape to seal and conform over the joint. ISOMAT BUTYL-TAPE is compatible with common adhesives (cement and non-cement based) and is ideal for use under wood, ceramic coverings. ISOMAT BUTYL-TAPE is highly adhesive, even at low temperatures, to all materials and especially to plastic, glass, steel, polycarbonate and wood.
Features:

- High workability and deformability
- Cold-applied
- Excellent adhesion at low temperatures
- Waterproof and self-sealing
- Excellent heat stability
- Easy peel
- No oil migration
- Solvent-free

Fields of application

ISOMAT BUTYL-TAPE has been designed to seal joints between the floor slab and wall (brick, breezeblock, plaster o plaster board). It can also be used for sealing and joining most other common building materials.
It is easy to use in small and reduced spaces.

Technical data

Film type / color:	PP film / white
Compound Type / Color:	Butyl Rubber Adhesive / Grey
Thickness:	1.0 mm
Tensile strength:	Long. 145 N/5cm / Trans. 105 N/5cm
Elongation at break:	Long. 100% / Trans. 110%
180° Peel Adhesion:	20 N/cm
Application temperature:	0°C up to +40°C
Service temperature:	-30°C up to +90°C

Directions for use

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 ISOMAT BUTYL-TAPE. Removing the release liner that covers the adhesive part 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. Protect the material from UV rays within a few weeks of installation.

Packaging

Rolls 8 cm x 10 m.

Shelf life – Storage

The quality and the characteristics of the material 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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