



## High-Adhesive Butyl Sealing Tape Protected by a Metal Film in Aluminium

Bu-tylene

### The Product

**Bu-tylene Alu Brico** is a self-adhesive sealing tape made of a butyl rubber compound, protected by a reinforced metal film in aluminium, available in various sizes/colours.

**Bu-tylene Alu Brico** is highly adhesive to all materials and especially to plastic, glass, steel, polycarbonate and wood.

**Bu-tylene Alu Brico** is protected by a metal film in aluminium, making it highly resistant to ageing and oxidizing caused by atmospheric and chemical agents.

### Characteristics

- Cold Applied;
- Waterproof and Self-sealing;
- Excellent adhesive properties at low temperatures;
- Excellent heat stability;
- No flowing under heat;
- No Oil Migration;
- Resistant to tear, ageing and UV-rays;
- Solvents Free.

### Uses

Sealing and joining materials such as glass, steel, plexiglas, polycarbonate, wood, aluminium, pvc and most other

common building materials.

### Surface Preparation

**Bu-tylene Alu Brico** is compatible with most building materials, metals and flexible or hard plastics.

The user should previously check the compatibility of the product with the surface in terms of adhesion and chemical compatibility over the application temperature range.

The surface should be clean, dry, smooth and dust-free.

If the installation surface is porous, Isoltema Primer will have to be applied in a quantity of +/- 250 gr/sqm.

The use of Isoltema Primer is in any case advisable, and the manufacturers instructions must be followed because a wrong use of Primer can influence the tape efficiency.

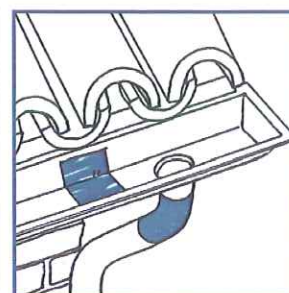
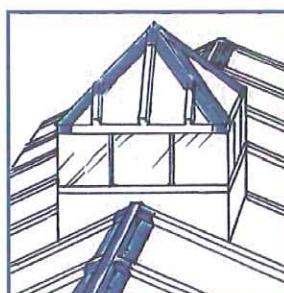
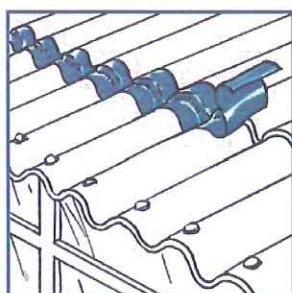
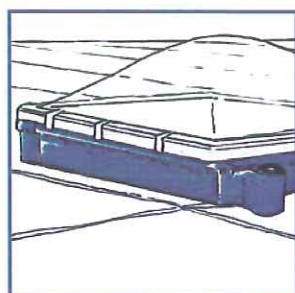
No special tools are required to install **Bu-tylene Alu Brico**.

### Installation

Prepare the surface and proceed as follows:

- Choose the most suitable width and metal finish of the **Bu-tylene Alu Brico**;
- Unroll the tape until the desired length is reached;
- Remove the silicone release film that covers the adhesive part of the tape and position **Bu-tylene Alu Brico**;
- Press with a roller or a cloth pad.

CHARACTERISTICS	VALUE	TEST
Standard Thickness	0.6 - 0.8 - 1.0 - 1.5 mm	-
Compound Colour	Grey	-
Tensile Strength	Long. >150 N/50mm   Trans. >150 N/50mm	EN 12311-1
Elongation at Break	Long. > 20%   Trans. > 20%	EN 12311-1
Solids	100%	-
Specific Weight	1.4 g/cm <sup>3</sup>	ASTM D 792
Peel Adhesion 90°	> 70 N	ASTM D 1000
Loop Tack Test	> 70 N	ASTM D 6195
Probe Tack Test	6.0 N	ASTM D 2979
Vertical Flow	< 5 mm	ISO 7390
Application Temperature	+0°C / +40°C	-
Service Temperature	-30°C / +80°C. Up to 140°C for max. 24h.	-



## Important Notes

**Storage** The quality and the characteristics of materials remain unaltered for a very long time.

It is however best to use the product within 12 months. For correct storage, a dry, covered place is best at a temperature between +5°C and +30°C. Storage above 30°C may lead to difficulties to remove the release paper when applying. The product is not affected by frost.

**Caution and Safety** The materials is not hazardous for normal uses and when used by skilled persons. In particular conditions, it is possible to cut or injure oneself. Keep out of reach of children.

For further information refer to the Safety Data Sheet.

**Classification for transport:** Not Applicable.

**Inflammability classification:** M1 (UNE 23727:1990 - UNE 23721:1990).

**Reaction to fire:** E (EN 11925 - 2; EN 13501 - 1).

The manufacturer disclaims all liability for product use and applications. No generic guarantees can be provided, even

if the instructions indicated on this sheet are followed.

Butyl sealants are plastic products. They possess no elastic recovery. Do not use for permanent fixing or in load bearing applications instead of an adhesive or a mechanical fixing. Mechanical performance of butyl sealants decrease with temperature increasing.

Butyl adhesive are sensitive to solvents. It is advisable to check the chemical compatibility of the butyl adhesive with the support.

## Dimensions and Packaging

Standard length: 10 mt

Standard thicknesses: 0.6 - 0.8 - 1.0 - 1.5 mm

Standard widths: 5 - 7.5 - 10 - 15 - 20 - 22.5 - 30 - 45 - 50 - 60 cm

Other widths, lengths and thicknesses are available on request.

The rolls are individually packed in shrink-wrap, placed in boxes and packed on pallets.

The figures shown on this product leaflet can vary within a tolerance of +/-5%.

The manufacturer reserves the right to change product characteristics at any time without prior notice.