

60% Elongable!



**ISOLTEMA®**  
STICK & SEAL

## Self-Adhesive Sealing Butyl Tape Protected by an Elongable Metal Film in Aluminium

Sealing Tapes,  
Strips &  
Compounds

### The Product

**Bu-tylene Alu Wave** is a self-adhesive sealing butyl tape protected by an elongable metal film in reinforced aluminium. The special crepped coated aluminium allows a 60% lengthwise elongation.

The product can be used as a flashing for roof ridges, edges and chimneys.

### Uses

**Bu-tylene Alu Wave** is an ideal jointing membrane for the sealing of roof abutments. The product perfectly moulds to irregular structures of chimneys, dormer windows, skylights, gutters and all other roof-outlets and ducts.

**Bu-tylene Alu Wave** is available in the colours:

- Terracotta (art. CB 192);
- Anthracite (art. CB 193);
- Brown (art. CB 194).

### Characteristics

- Self-Adhesive and Self-Sealing;
- 60% Elongable;
- U.V. Resistant;
- Flexible, light, easy to manage and to apply.

### Surface Preparation

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

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.

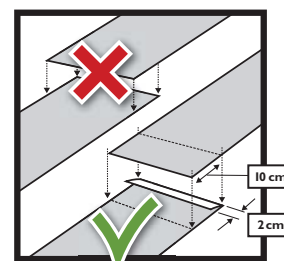
The use of Isoltema Primer is in any case advisable, and the manufacturers instructions must be followed because a wrong use of Primer can influence the tape efficiency.

### Installation

Prepare the surface and proceed as follows:

- Choose the most suitable width and metal finish of the **Bu-tylene Alu Wave**;
- 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 Wave**;
- Press with a roller or a cloth pad.

In case of overlapping, please use at least 5 cm.



CHARACTERISTICS	VALUE	TEST
Standard Thickness	1.2 mm	-
Compound Colour	Grey	-
Tensile Strength	Long. > 150 N/50mm   Trans. > 150 N/50mm	EN 12311-1
Elongation at Break	Long. > 60% + 20%   Trans. > 20%	EN 12311-1
Solids	100%	-
Specific Weight	1.25 g/cm <sup>3</sup>	ASTM D 792
Peel Adhesion 90°	≥ 75 N	ASTM D 1000
Loop Tack Test	≥ 55 N	ASTM D 6195
Probe Tack Test	≥ 5.0 N	ASTM D 2979
Application Temperature	0°C / +40°C	-
Service Temperature	-30°C / +90°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 +40°C. Storage above 50°C may lead to difficulties to remove the release 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.

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.

The finished product could show slight changes as regards the aluminium embossing.

Butyl sealants are deformable plastic products. Do not use for permanent fixing or in load bearing applications instead of a mechanical fixing. Butyl adhesive are sensitive to solvents. 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.

## Dimensions and Packaging

Standard length: 5 mt

Standard thicknesses: 1.2 mm

Standard widths: 20 – 25 – 30 – 45 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.