



## PRODUCT INFORMATION

# PBB310 Laminated Butyl Sealant Tape

### Product Description:

PBB310 is a preformed high performance Polyisobutylene (PIB) based sealing tape in single strand rolls or multi-lane rolls. This product has a multitude of applications where joints need to be formed to seal against air and water ingress. The product is cost effective, non-toxic and requires no tools to apply. It is only available in black.

### Product Data:

Colour:	Standard colour is black
Dimensions:	1mmx12mm x 45m/1mmx19mmx45m 2mmx12mmx22.5m/2mmx19mmx22.5m/2mmx24mmx22.5m 4mmx30mmx12m
Service Temperature Range:	-40°C to 90°C
Shelf Life:	24 months in ambient conditions
Life Expectancy:	In excess of 25 Years
UV Resistance:	Excellent
Joint Movement:	Up to 15%
Compatibility:	Very good adhesion to most surfaces & compatible with most commonly used construction materials
Dynamic Tensile Tension:	24 N/cm <sup>2</sup>
Separation Rate:	100mm/min@20°C to standard 180 grit stainless steel
Dynamic Shear:	22 N/cm <sup>2</sup>
Separation Rate:	200mm/min @ 20°C to standard 180 grit stainless steel
Moisture Vapour Transmission Rate:	0.025 g/m <sup>2</sup> /24hr/mm at 25°C & 75% RH

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### Applications:

- Roofing and Cladding industry where it creates an excellent seal in situations such as side and end lap joints and the bead section is particularly recommended for large corrugate end lap sheet profiles.
- Heating and Ventilation Market has found this product to be preferable to other methods of sealing flanges on ducting due to its ease of use and solvent free formulation.
- Automotive uses include sealing around the frames of sun roofs.
- Caravan manufacturers have many applications such as sealing between mouldings and the outer skin, lap joints on the body work and other areas where fittings are attached piercing the outer skin.
- Sealing of joins in steel and timber framing

### Features & Benefits

- Excellent resistance to UV light
- Good aging characteristics – does not crack or change colour
- Easy and clean to apply
- Non-toxic - environmentally friendly
- Instant Seal
- Direct control over quantity of sealant used in the joint
- Good adhesion on both faces to most building materials
- High pumping resistance
- Life Expectancy is in excess of 25 years

PBB310 should be applied to surfaces at a temperature range of between +4 and +40°C. For best performance the surfaces should be clean, dry and grease free. The product should be unwound and lightly pressed into position leaving the release paper in place. On forming the joint the release paper is removed and the closing surface pushed firmly in place, pressure applied along the length of the joint and mechanically fixed.

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