

PRODUCT INFORMATION

PBW0406 Butyl Sealant Tape

Product Description:

PBW0406 is a preformed high performance Polyisobutylene (PIB) based sealing tape with enhanced adhesive characteristics for more demanding application where there are requirements for a high degree of bonding. It is available in single strand.

Product Data:

Colour:	White
Dimensions:	4mm thick by 6mm wide Roll length is 12 metres
Shelf Life:	24 months in ambient conditions
Life Expectancy:	In excess of 25 years
UV Resistance:	Excellent
Service Temperature Range:	-40°C to +90°C
Joint Movement:	Up to 15%
Compatibility:	Very good adhesion to most surfaces & compatible with most commonly used construction & building materials
Dynamic Tensile Tension:	20 N/cm ²
Separation Rate:	100mm/min @ 20°C to Standard 180 Grit Stainless Steel
Dynamic Shear:	22 N/cm ²
Separation Rate:	200mm/min @ 20°C to Standard 180 Grit Stainless Steel
Moisture Vapour Transmission Rate:	0.010 g/m ² /24hr/mm at 25°C & 75% RH

Applications:

- Used for bonding and sealing applications such as cavity trays and polythene membranes.
 - It has been developed primarily for the bonding of more difficult materials such as polyethylene sheets in DPM and DPS Applications.
 - This product has a multitude of other uses where joins need to be formed to seal against air and water ingress in many markets such as, DIY for sealing bath & shower splash trims, Telecoms, Automotive, Glazing, Roofing & Construction. The product is cost effective, non-toxic and requires no tools to apply & is simple & easy to use.
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|---------------------------|------------------------------|
| • Automotive | Bath and shower splash trims |
| • Construction | Damp Proofing |
| • General Sealing | Glazing |
| • Heating and Ventilation | Motorhome Manufacture |
| • Roofing | Telecoms |

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Features & Benefits

- Self-wound roll presentation
- Solvent free formulation
- Environmentally friendly
- Instant sealing
- Direct control over quantity of sealant used in the joint
- Good adhesion on both faces to most building materials
- High pumping resistance
- Ease of use in roll format
- Life expectancy is in excess of 25 years
- UV Resistance is excellent

PBW406 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 if necessary.

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