

PRODUCT DATA SHEET

BU-TACK BUTYL ALUMINIUM FOIL



DESCRIPTION:

SEAL-IT ALU FOIL:

is a high performance polyisobutylene (PIB) based sealing tape available in single strand. 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 an Aluminum backing with a film thickness of 9 micron.

FEATURES & BENEFITS:

- Self-wound roll presentation.
- Solventless formulation
- Instant seal
- Direct control over quantity of Sealant used in the joint.
- Environmentally friendly
- Ease of use
- Good adhesion to most materials
- Enhanced UV protection

TECHNICAL DATA:

TECHNICAL DATA:	
COLOURS	Standard colours are grey and black. Many other colours available subject to quantity.
DIMENSIONS	2.5 mm x < 20 mm; 1.5 mm x >20 mm OR < 100 mm Roll length is dependent on thickness.
LIFE EXPECTANCY	In excess of 25 years.
U.V. RESISTANCE	Excellent.
SERVICE TEMPERATURE RANGE	-40 TO +90 °C.
JOINT MOVEMENT	Up to 15%.
COMPATIBILITY	Very good adhesion to most surfaces & compatible with most commonly used construction materials. For further information, please contact our technical department.
DYNAMIC TENSILE TENSION: SEPARATION RATE 100 mm/min @ 20 °C	24 N/cm ² TO STANDARD 180 GRIT STAINLESS STEEL.
FILM THICKNESS:	9 μ (MICRONS) ALUMINIUM 12 μ (MICRONS) POLYESTER.
DYNAMIC SHEAR: SEPARATION RATE 200 mm/min @ 20 °C	22 N/cm ² TO STANDARD 180 GRIT STAINLESS STEEL.
MOISTURE VAPOUR TRANSMISSION RATE: INDEPENDENTLY TESTED TO BS 15106-3	MINIMAL AT 0.025 g/m ² /24hr/mm at 25 °C & 75% RH.



(+27) 39 976 1114



16 Payne Street, Park Rynie
4182, South Africa



info@butyltechnology.com



www.butyltechnology.com

APPLICATIONS:

SEAL-IT: should be applied to surfaces at a temperature range of between +4 °C and +40 °C. For best performance the surfaces should be clean, dry, and grease free. Acetone may be used to clean the surface. The product should be unwound. Remove the release paper. Press the product into position on the joint and close the surface by pushing firmly into place. Pressure must be applied along the length of the joint and mechanically fixed.

ROOFING & CLADDING: industry where it creates an excellent seal in situations such as side and end lap joints. Recommended for large, corrugated end lap sheet profiles. A copy of the independent test report to the National Federation of Roofing Contractors (NFRC) specification is available on the Butyl Technology website.

HEATING & VENTILATION (HVAC): 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.

GENERAL APPLICATION: To prevent water, air, and moisture ingress.

HEALTH & SAFETY

The information required for safe use of the product is not included. Before application of handling of **Bu-Tack HQB1**, consult the safety data sheets for safe use. The SDS is available on our website or from your local sales representative.

PRODUCT	DESCRIPTION	SIZE
B15032.5B	Alu Foil	50mmx3mmx2.5m
B15032.B	Alu Foil	50mmx3mmx2m

CERTIFICATES:

HQB1 Tape Assessment:

<https://butyltechnology.com/wp-content/uploads/2021/04/20-8473-HQB1.pdf>

Updated: 28/03/2023



(+27) 39 976 1114



16 Payne Street, Park Rynie
4182, South Africa



info@butyltechnology.com



www.butyltechnology.com