

TECHNICAL DATA BU-TACK 1 WRAS

Bu-Tack 1 WRAS has been assessed, tested and approved by an independent Laboratory to BS 6920 & NFRC Class “A” standard.

GENERAL DESCRIPTION:

Bu-Tack -WRAS Butyl Sealant is a high performance polyisobutylene (PIB) based sealing tape available in single strand, multi-lane rolls & tailored extruded profiles. This product has a multitude of applications where joints need to be formed to seal against air and water ingress or water release. The product is cost effective, non-toxic and requires no tools to apply.

Bu-Tack -WRAS can also be used as a malleable non-setting putty or gap filler, we can supply in putty form on request.

LICENSE AGREEMENT:

Butyl Technology (Pty) Ltd produces **Bu-Tack-WRAS** Butyl Sealant under license in South Africa to a Specialist Technical Products LTD (STP) approved formula.

APPLICATIONS:

WATER TANK SEALANT market has found this product to be preferable to other methods of sealing flanges and lap joints on tank construction, due to its ease of use and solvent free formulation. Independently tested to BS6902 Standard, it is suitable for use in potable water applications.

ROOFING & 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 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 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 and temperature stability.

AUTOMOTIVE uses include sealing around the frames of sunroofs.

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.

PRODUCT DATA:

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COLOURS	Standard colours are grey and black. Many other colours available subject to (MOQ) quantity.
DIMENSIONS	1 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.



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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	0.025 /m ² /24hr/mm at 25 °C & 75% RH.

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 on both faces to most Building materials

SURFACE PREPARATION:

Bu-Tack -WRAS 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.

APPLICATION:

Bu-Tack -WRAS 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.

HEALTH & SAFETY

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

Updated: 28/03/2023

CERTIFICATION:

HQB1 WRAS Tape Assessment:
<https://butyltechnology.com/wp-content/uploads/2021/04/20-8476-HQB1-WRAS.pdf>



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