



SPECIALIST TECHNICAL PRODUCTS LTD

Unit 9, Smoke Hall Lane, Winsford, Cheshire, CW7 3BE

Telephone: 01606 590909 Facsimile: 01606 596797

e-mail: enquiries@stptapes.co.uk

website: www.stptapes.co.uk

HQB1 HIGH QUALITY BUTYL TAPE

HQB1 has been assessed, tested and approved by an independent laboratory to NFRC Class "A" standard.

GENERAL DESCRIPTION:

HQB1 is a preformed high performance polyisobutylene (PIB) based sealing tape available in single strand 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.

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 STP website.

HEATING & 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.

GREENHOUSE manufacturers include this product to seal between the glazing and framework

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.

FIRE PROTECTION is enhanced by use of an intumescent version **HQB1 FR**.

PRODUCT DATA:

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| COLOURS | STANDARD COLOURS ARE BLACK, WHITE, AND GREY. MANY OTHER COLOURS AVAILABLE SUBJECT TO QUANTITY. |
| DIMENSIONS | 1mm to 35mm THICK, 5mm to 150mm wide. ROLL LENGTH IS DEPENDANT ON THICKNESS. |
| SHELF LIFE | 24 MONTHS IN AMBIENT CONDITIONS. |
| LIFE EXPECTANCY | IN EXCESS OF 25 YEARS. |
| U.V. RESISTANCE | EXCELLENT |
| SERVICE TEMPERATURE RANGE | -40 TO +90 DEGREES 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 100mm/min @ 20 deg C | 24 N/cm ² TO STANDARD 180 GRIT STAINLESS STEEL |
| DYNAMIC SHEAR: SEPARATION RATE 200mm/min @ 20 deg C | 22 N/cm ² TO STANDARD 180 GRIT STAINLESS STEEL |
| MOISTURE VAPOUR TRANSMISSION RATE : INDEPENDENTLY TESTED TO BS 15106-3 | 0.025 g/m ² /24hr/mm at 25°C & 75% RH |
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FEATURES & BENEFITS:

- * SELF WOUND ROLL PRESENTATION *
- * SOLVENTLESS FORMULATION *
- * INSTANT SEAL * WHEN CORRECTLY APPLIED, IN-SERVICE LIFE-SPAN UP TO 25 YEARS *
- * DIRECT CONTROL OVER QUANTITY OF SEALANT USED IN THE JOINT *
- * ENVIRONMENTALLY FRIENDLY *
- * EASE OF USE * HAZARD FREE *
- * GOOD ADHESION ON BOTH FACES TO MOST BUILDING MATERIALS *
- *HIGH PUMPING RESISTANCE * LOW FLOW & GOOD HEAT RESISTANCE *

HQB1 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.