



DATA SHEET

ProSolve Extruded Butyl Tape (PVDSBT50)

DESCRIPTION

ProSolve Butyl Tape is a double sided adhesive tape with strong adhesion and sealing properties. It adheres to all kinds of material surfaces (steel plate, steel, waterproof coiled material, cement, wood, PC, PE, PVC, EPDM, CPE materials etc).

It is also suitable for bonding radon barriers to a wide range of building materials. Ideal for both new construction and renovation projects, it provides a reliable, long-lasting seal to protect against radon gas infiltration.

CONFORMITY

EN 448 BUTYL

TYPICAL USES

Butyl Tape is designed to seal and prevent the entry of dust, air and moisture and assure a weather tight seal in metal building details.

- Sealing polyethylene sheeting
- Sealing radon barriers to concrete, masonry, wood, and other common building substrates
- Sealing air conditioning equipment
- Window and door flanges
- Metal rib and end joints
- Standing seam roof end laps
- Sealing roof curbs roof jacks and skylights
- Suitable for use on metal structures, containers, and cold storage units

FEATURES

- Solvent free and environmentally friendly
- Excellent adhesion to a wide range of substrates
- Non staining

- Permanently flexible
- Good UV resistance
- Pliable allowing a high level of conformity
- Easy to use with very little waste
- High tack
- Permanently elastic and remains flexible throughout its service life

LIMITATIONS

Not recommended for:

- Joints that are not mechanically fixed.
- Do not apply sealant to wet or frost bearing surfaces.

PERFORMANCE

	UNIT	NOMINAL VALUE	TEST METHOD
Dynamic Tensile Adhesion	N/cm ²	18	H5
Dynamic Shear Adhesion	N/cm ²	14	H15
90° Peel Adhesion	N/cm ²	7	H48
180° Peel Adhesion	N/cm ²	11	H41
Specific Gravity	g/cm ³	1.65	H6
Moisture Vapour Transmission Rate	g/m ² /24hr/mm	0.24	ISO9932/BS ISO 15106
Service Temperature Range	°C	-40 to +90	

PROPERTIES

Colour:	Black
Density (gr / cm³):	1,5± 0,15
Dimensions:	
Width (mm):	50mm (± 2mm)
Thickness (mm):	1.5mm (± 10%)
Length:	10m (± 10%)
Life Expectancy:	In excess of 25 years
U.V. Resistance:	Excellent
Service Temp. Range:	-40° F to 200° F (-40°C to 93°C)
Application Temp. Range:	-5° F to 120° F (-20° C to 49° C)
Joint Movement Range:	Up to 15%
Shelf Life:	36 months in ambient conditions (+10° C and +25°C)

INSTRUCTIONS

Surface preparation: All surfaces should be clean, dry and free from frost, grease and loose materials. When cleaning contaminated substrates, we recommend that propan-2-ol (IPA) is used and allowed to dry prior to the application of the butyl tape.

Application: Apply direct from the reel onto one surface and press sufficiently along its whole length to achieve good initial adhesion. Remove backing paper and offer other surface to the butyl tape and push firmly to seal across the joint. The use of a roller to roll the joint, using firm pressure, is recommended to get a good bond.

PACKAGING

The product is normally supplied as an extruded strip on a siliconised release paper. A wide range of dimensions can be supplied. Product dimensions will determine the number of rolls per carton.

STORAGE and SHELF-LIFE

- It must be protected against water, frost and severe weather conditions.
- It should be stored on wooden pallets in a cool, dry and dehumidified environment between +10°C and +25°C.
- The maximum storage life is 3 years, providing that the above storage conditions are adhered to

IMPORTANT NOTICE

All statements, technical information and recommendations are based on tests we believe to be reliable as at the date of hereof, but the accuracy or completeness thereof is not guaranteed. Please ensure before using the product that it is suitable for your intended use. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, other than for fraudulent misrepresentation, ProSolve expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

BEFORE USE, CONSULT THE SAFETY DATA SHEET OF THE PRODUCT.