

X-Seal TapeSeal DB

Double sided butyl sealing tape

Product Description

X-Seal TapeSeal DB is a double sided butyl adhesive tape that has high cohesive and adhesive strength and contains anti-oxidants, fungicides and anti-bacterial agents. It is available in several widths and thicknesses.

Advantages

- Easy to use
- Solvent free
- Proven technology
- Wide service temperature range
- Withstands extreme temperatures
- UV resistant
- Multi purpose
- Adheres to most substrates
- Waterproof
- Rot proof
- Flexible
- Compressible

Uses

- Air sealing of cladding and curtain walls
- Waterproofing and cladding overlays on roofs
- Sealing of air conditioning ducts.

Specification Compliance

Military Spec MIL-C 18969B Type II Class B
Federal Spec TT-C 1796A Type II Class B

Laboratory Test Data

Property	Typical Results
Elongation	>1000% at 25°C
Water penetration at 5 bar	Nil
Water absorption	<0.1%
UV resistance (ASTM D 75-68)	No effect after 1000 hours QUV
Water vapor transmission	<0.5g/m ² /24 hr
Sag at 70°C	Nil after 21 days
Tensile strength (ASTM D 897-72)	25psi
Cone penetration (ASTM D 897-72)	68 at 25°C
Cold temperature flexibility (ASTM D 75-68)	No cracking or loss of adhesion at -50°C

Application Properties

Application temperature	5 to 45°C
Service temperature	-50 to 100°C

Compatible substrates

- Glass
- Polycarbonate
- UPVC
- Aluminum
- Stainless steel
- Polyester and PVDF coated cladding
- Glass reinforced plastic
- Galvanized steel
- Epoxy and polyurethane coated surfaces
- Fibre cement board
- Concrete
- Brick

Packaging

Item Code	Size (Width x Height)	Rolls per Box
DB 6448	6.4 x 4.8mm	48 x 7.62m
DB 9525	9.5 x 2.5mm	24 x 15.24m
DB 12725	12.7 x 2.5mm	20 x 15.24m
DB 12732	12.7 x 3.2mm	20 x 15.24m
DB 12748	12.7 x 4.8mm	18 x 9.14m
DB 1925	19.0 x 2.5mm	14 x 7.62m
DB 1948	19.0 x 4.8mm	14 x 7.62m

Shelf life

24 months when stored below 30°C in a dry environment.

Installation Guidelines

Carry out a trial area before commencing work to ensure that the tape is compatible with the substrate if not one of those listed above.

Substrate Preparation

The substrate should be clean of any containments such as oils, grease, dust, drilling swarf and any other material that could affect the bond of the tape to the substrate. Ensure that the substrate is dry.

Priming

Non porous surfaces require no priming.
Porous substrates such a concrete, plaster or stone should be primed using X-Shield SealCoat PW.

Application

Apply to surface directly from the roll. Press sealant through the silicone release paper with a smooth, even hand motion. Take care not to entrap any air, work in a continuous manner from one end to the other. For metal roofing and siding applications, place sealant under the fastener to prevent wind blown rain from leaking through the fastener holes.

Limitations

X-Seal TapeSeal SB is not resistant to solvents
Do not use an adhesive
Do not remove the release tape and leave exposed as contamination of the surface may occur from dust and condensation

Health and Safety

This product is not considered hazardous in normal use.

Authorized Technical Specialist

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