

X-Seal TapeSeal SB

Single sided aluminium/polyester laminate butyl sealing tape

Product Description

X-Seal TapeSeal SB is a single sided butyl adhesive tape on an aluminum polyester laminate film.

Advantages

- Easy to use
- Proven technology
- UV resistant
- Multi purpose
- Adheres to most substrates
- Waterproof
- Rot proof
- Flexible
- Compressible
- Available in wide range of widths

Uses

- Air sealing of cladding and curtain walls
- Waterproofing of butt joints
- Flashing for roof tiles and gutters
- Sealing of air conditioning ducts.

Laboratory Test Data

Property	Typical Results
Thickness	0.7mm
Water penetration at 2 bar	Nil
Water absorption	<0.1%
UV resistance	No effect after 300 hours QUV
Water vapor transmission	<0.5g/m ² /24 hr
Sag	Nil at between 5 to 80°C
Tape strength	> 5 N/mm
Tear strength	> 10 N/mm
Puncture resistance	> 200 N

Application Properties

Application temperature	0 to 45°C
Service temperature	-40 to 80°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

Widths

50mm, 75mm, 100mm and 1m.

Packaging

10m rolls.

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

Cut the tape to the size required.

Peel back the release tape to reveal 50 to 100mm of butyl press firmly on the surface and then slowly remove the release tape while pushing the tape against the substrate taking care not to entrap any air. Work in a continuous manner from one end to the other.

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

Please note that only NCC X-Calibur Authorized Technical Specialists ('ATs') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit www.ncc.com.eg for a full list of NCC X-Calibur ATs.

Datasheet Validity

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Quality Statement

All Products manufactured by NCC X-CALIBUR or imported from X-CALIBUR companies world-wide are manufactured to procedures certified to conform the quality, environment, systems described in the ISO 14001:2004 , ISO 9001:2000.



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