KREVO Seal Butyl Tape

Single-sided aluminium/polyester laminated butyl sealing tape | Waterproof, UV-resistant and flexible

PRODUCT DESCRIPTION

KREVO Seal Butyl Tape is a single-sided self-adhesive waterproof sealing tape comprising a butyl adhesive layer supported by an aluminium/polyester laminate film. It provides a flexible seal for building envelope joints, cladding, roof flashings and air duct details on sound, suitably prepared substrates.

ADVANTAGES

- Self-adhesive, straightforward to cut and apply with no separate bonding adhesive.
- Waterproof and resistant to UV exposure, with a flexible, compressible seal.
- Rot-proof construction suitable for a broad range of building-envelope details.
- Bonds to many metallic, glazed, polymeric and mineral surfaces after suitable preparation.
- Offered in a selection of widths for joints, flashings and wide-area sealing.

TYPICAL USES

Cladding and curtain-wall air seals • Waterproofing butt joints • Roof-tile and gutter flashings • Air-conditioning duct sealing • General construction joint detailing where compatible and approved.

PRODUCT INFORMATION

PARAMETER	SPECIFICATION
Product type	Single-sided, self-adhesive butyl sealing tape
Laminate / backing	Aluminium/polyester laminate film
Adhesive	Butyl pressure-sensitive sealing layer
Nominal thickness	0.7 mm
Available widths	50 mm, 75 mm, 100 mm and 1,000 mm
Standard roll length	10 m
Storage	Dry, shaded location at temperatures below +30 °C
Shelf life	24 months under the stated storage conditions

TECHNICAL PERFORMANCE SPECIFICATION

PROPERTY / TEST METHOD	SPECIFIED VALUE
Water penetration at 2 bar	Nil
Water absorption	< 0.1%
UV exposure | QUV 300 hours	No effect
Water-vapour transmission	< 0.5 g/m^2 / 24 h
Sag resistance	Nil between +5 °C and +80 °C
Tape strength	> 5 N/mm
Tear strength	> 10 N/mm
Puncture resistance	> 200 N
Service temperature	-40 °C to +80 °C

Application & System Data

KREVO Seal Butyl Tape | Application conditions, substrate compatibility, priming and placement

APPLICATION PROPERTIES

PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Application temperature	0 °C to +45 °C	Service temperature	-40 °C to +80 °C
Tape thickness	0.7 mm	Roll length	10 m
Tape widths	50 / 75 / 100 / 1,000 mm	Non-porous surfaces	Generally no primer
Porous substrates	Approved compatible primer	Substrate condition	Clean and fully dry
Application method	Self-adhesive, press firmly	Release liner	Remove progressively

Apply the tape onto a clean and dry surface. Non-porous surfaces generally do not need priming; porous substrates such as concrete, brick, plaster or stone require a compatible sealing primer. Carry out a trial area when substrate suitability has not been established.

TYPICAL SELF-ADHESIVE SEALING SYSTEM

STAGE	MATERIAL / METHOD
1 | Assess compatibility	Verify substrate and conduct trial where compatibility is unconfirmed
2 | Prepare substrate	Remove dust, grease, moisture and other bond-reducing contamination
3 | Prime if necessary	Use KREVO Prime EP on concrete (If require)
4 | Position & bond	Cut tape, uncover 50-100 mm of butyl and anchor firmly at the start
5 | Finish & inspect	Pull liner progressively, press evenly, expel air and check terminations

SUBSTRATE PREPARATION

Ensure that surfaces are sound, dry and free from oil, grease, loose dust, drilling swarf, condensation and other bond-reducing material. Remove weak or contaminated coatings and prepare porous substrates to receive the approved primer. Check that the substrate is compatible with the tape before covering large areas.

PRIMING & APPLICATION CONTROLS

The release liner must remain in place until application. Cut the tape to the required length, expose only a short starting section and firmly press the adhesive into position. Progressively remove the liner while smoothing the tape from one end to the other to prevent trapped air and discontinuities.

CONTROL POINT	APPLICATION REQUIREMENT
Surface dryness	No standing water, condensation or visible moisture at the bond line
Priming requirement	Non-porous surfaces normally unprimed; porous surfaces use compatible sealer
Adhesive exposure	Do not remove release liner until the tape section is ready to bond

Maintain continuous intimate contact at edges, corners and junctions. Trial adhesion, joint movement, required lap/termination details and weather exposure should be reviewed for each application.

TAPE PLACEMENT PROCEDURE

Measure and cut KREVO Seal Butyl Tape accurately. Peel back approximately 50-100 mm of the release liner; press the exposed butyl firmly onto the prepared surface. Remove the remaining liner gradually while pushing the tape evenly against the substrate and expelling air. Finish by pressing down all edges and detailing terminations as specified.

Installation & Product Support

KREVO Seal Butyl Tape | Compatible surfaces, workmanship, limitations and global contacts

APPLICATION GUIDELINES

- Carry out an adhesion/compatibility trial if the substrate is not among the established compatible materials.
- Remove all oil, grease, dust, drilling swarf and moisture; the bonding surface must be fully dry.
- On porous concrete, brick, plaster or stone, apply the project-approved compatible sealer or primer.
- Apply progressively with firm pressure, keeping the liner in place until each section is bonded.

COMPATIBLE SUBSTRATES

- Glass, polycarbonate, uPVC, aluminium and stainless steel.
- Galvanized steel, glass-reinforced plastic and fibre-cement board.
- Polyester/PVDF-coated cladding and epoxy- or polyurethane-coated surfaces.
- Concrete and brick, provided the compatible primer system and adhesion are confirmed.

LIMITATIONS & SERVICE NOTES

- Do not use where the tape is exposed to solvents or where solvent resistance is required.
- Do not apply on dirty, wet, dusty, friable or condensation-affected substrates.
- Never strip off the release liner in advance and leave the adhesive exposed to contamination.
- Do not add a separate bonding adhesive unless the complete system has been tested and approved.
- Review compatibility, movement, lap design and service conditions before specifying critical seals.

HEALTH, SAFETY & ENVIRONMENT

The tape is not considered hazardous during normal use. Follow good industrial hygiene and workplace practices; wear appropriate gloves and eye protection when preparing substrates or cutting tape. Refer to the current KREVO Safety Data Sheet (SDS) and site risk assessment for ancillary primers, cleaning products and work at height. Keep backing-paper waste out of drains and dispose of material responsibly.

QUALITY & PRODUCT INFORMATION

Service life and seal quality depend on substrate compatibility, dryness, priming where required, correct pressure and detailing at joints. The values and ranges stated are intended technical specifications; verification against the supplied KREVO product and relevant laboratory/production records is required before representing them as certified batch results.

KREVO | GLOBAL CONTACTS

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