



X-Pruf Composite Tape

High strength, high tack polyester reinforced seam and flashing tape

60770117

Product Description

X-Pruf Composite Tape is a 1mm thick self adhesive, butyl base, with an external polyester fabric. The system incorporates an butyl adhesive that delivers high tack and strength even at cold temperatures. The product forms a permanent bond to metal, wood and concrete surfaces and acts as a high strength crack bridging layer below protective top coats.

Advantages

- Meets SCAQMD Rule 1168 & LEED VOC Limits
- Formaldehyde free
- Excellent adhesive properties
- High workability and deformability
- Cold applied
- Excellent adhesion at low temperatures
- Waterproof and self-sealing
- Excellent heat stability
- Easy peel
- No oil migration
- Solvent-free.

Uses

- Metal seam joints
- Metal flashing
- Roof repair
- Balcony repair
- Plywood joints and seams
- Waterproofing
- Gutters
- Concrete cracks

Specification Compliance

SCAQMD Rule 1168
LEED NC2009 IEQ 4.1

Color

Grey by white finish

Packaging

Rolls:
Length: 15 m

Pads:
320 mm x 320mm

Application Properties

Property	Typical Results
Total thickness	1mm
Tensile	Long. 140 N/50 mm Trans. 105 N/50 mm
Elongation at break	Long. 100 % Trans. 100 %
Elasticity	100%
Adhesion	20 N/cm
Memory	98%
Application temp. range	0 °C / + 40 °C
Service temp. range	- 30 °C / + 90 °C

Shelf life

12 month when stored in unopened containers in a clean, dry area at 60 to 90F (16 to 32C).

Installation Guidelines

X-Calibur provides detailed method statements for all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

Surface Preparation

The substrate must be structurally sound, dry, and free of all loose, paint, oil, grease, wax, mastic compounds, waterproofing compounds, and release agents. Fresh concrete must be fully cured (28 days). Substrate must be dry before application of product. A primer is not normally required.

Application

Cut the tape to fit the area to be treated and layout on the deck to make sure size is correct. Then roll up the tape. Remove a 4" (100mm) length of release paper firmly press down and then slowly unroll the tape removing the release paper as the tape is rolled out. Take care to avoid wrinkles and bubbles. If wrinkles or bubbles occur slit them open with a sharp blade and roll smooth with a small hard roller. Joints should be made by a simple butt joint. Do not overlap at tape joints. Once laying of the tape is complete allow tape to set a minimum of 20 minutes before conducting adhesion

tests. For waterproofing applications top coat X-Pruf Composite Tape with a 30 to 60 mil (0.75 to 1.5mm) fluid applied membrane.

Limitations

Do not apply to wet surfaces.
Do not use over expansion joints.
Maximum ¼" (6mm) open seam for crack isolation.
This product should not be stored in direct sunlight.
Do not use in areas subject to differential movement.

Health and Safety

This product is for industrial use only by trained operatives. It is not considered hazardous in normal use. Please refer to the Material Safety Datasheet before use. The MSDS can be obtained via our website www.x-calibur.us

Authorized Technical Specialist

Please note that only X-Calibur Authorized Technical Specialists ('ATSS') 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.x-calibur.us for a full list of X-Calibur ATSSs.

Datasheet Validity

X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on www.x-calibur.us to ensure you have the latest version.

Warranties

X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. X-Calibur does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to X-Calibur in writing within five working days of being detected. X-Calibur Construction Systems Inc. **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** X-Calibur Construction Systems Inc. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.