

POLYROOF BUTYL LAP TAPE

TECHNICAL DATA SHEET

Version: 2.0
Dated: 13/05/2022

Introduction

Polyroof Butyl Lap Tape is a self-adhesive butyl rubber compound tape, strengthened with a polypropylene fleece.

Key Features

- For bridging lap joints on metal and A/C sheeted roofs and gutters.
- Integral part of Xtraflex and Roofcoat Elite systems.
- Excellent self-adhesive properties.
- Exceptional adhesion at low temperatures.
- High workability, plasticity, and formability.

Product Information



Code	Item	Pack Size	Approx. Pack Coverage
104401	Butyl Lap Tape (75mm x 10m)	Each	10m of lap joints
104401	Butyl Lap Tape (75mm x 10m)	8 rolls	80m of lap joints

Other widths, lengths, and thicknesses are available on request.

Rolls are packed individually in shrink-wrap.

Compatible Polyroof Systems

Butyl Lap Tape can be used with the following systems:

- Xtraflex System
- Roofcoat Elite System

Consult Polyroof Technical Services for usage advise.

Product Usage

Polyroof Butyl Lap Tape is used for bridging lap joints on metal and A/C roof sheets and gutters, prior to application of liquid applied waterproofing systems. The tape is an integral part of the Xtraflex gutter system and the Roofcoat Elite pitched roof system – specifications are available from Polyroof Technical Services.

The tape may also be used in crack bridging situations, or in areas of specific movement, prior to application of liquid applied waterproofing systems. Further guidance on ensuring suitability of application, and appropriate liquid applied waterproofing systems, should be sought from Polyroof Technical services.

Technical Data

Characteristic	Value	Test
Standard thicknesses	0.8mm	-
Compound colour	Grey	-
Tensile strength	Long. >100 N/50mm Trasv. >100 N/50mm	EN 12311-1
Elongation at break	Long. >70% Trasv >7	EN 12311-1
Solids	100%	-
Specific weight	1.4 g/cm ³	ASTM D 792
Peel adhesion 90°	>90 N	ASTM D 1000
Loop tack test	>80N	ASTM D 6195
Probe tack test	>80 N	ASTM D 2979
Vertical flow	0mm	ISO 7390
Cement adhesive strength C2E on fleece	0.9 N/mm ²	EN 12004-EN1348
Application temperature	0°C / +40°C	-
Service temperature	-30°C / +80°C. Up to -160°C for max 24hr	-

Application

Unroll the tape until the desired length is reached, remove the silicone release film, position the butylene fleece, and press firmly with a roller or cloth pad.

Note: The product is designed to be overcoated and must not be left exposed or unprotected for periods over six months. The product must be protected from U.V. rays.

Preparation and Installation

Polyroof Butyl Lap Tape is compatible with most building materials. All corrosion should be removed from metals before application. Ensure all loose and flaking material is removed. The surface should be clean, dry, smooth, and free of dust.

Most plastic-coated metal surfaces, such as plastisol, will not require priming; a solvent wipe should suffice. However, because of the variances among these types of substrates, an adhesion test is always recommended.

Bare metal surfaces and highly porous surfaces should be primed with appropriate primer – consult Polyroof Technical services for further guidance.

Storage and Handling

Store in a dry, covered place at a temperature between 5°C and 40°C. Storage above 50°C may have adverse

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effects. The product is not affected by frost. Product should be used within 12 months of delivery.

Health and Safety

Safety Data Sheets available on request.

Technical Assistance

For further information, please contact Polyroof Technical Services on 0800 801 890, More information can also be found at www.polyroof.co.uk.