

SIGNATURE^S

LIQUID WATERPROOFING

Product Data Sheet

PU REINFORCING TAPE

High adhesive butyl self adhesive tape protected by a polypropylene fleece.

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LIQUID WATERPROOFING

10m x 75mm

PU REINFORCING TAPE

Polyester backed self-adhesive tape ideal for sealing joints and seams prior to applying SIGNature PU Liquid Waterproofing.

APPLICATION:

1. Ensure the surface area to be bonded is solid, dry, clean and free from grease.
2. Cut tape to the required size and peel backing paper from the beginning of the roll.
3. Adhere the first section of tape to the beginning of the joint, applying pressure (ideally with a roller) to the tape as it makes contact with the substrate to ensure 100% adhesion between the substrate and tape.
4. Continue along the joint, removing the backing paper as required, ensuring that the tape is applied in a straight line.
5. Ensure an overlap of 50mm between tape joints as required.
6. Apply SIGNature PU Liquid Waterproofing as per Installation Guidelines.

SIG Design Technology, Mannheim House, Gelders Hall Road, Shepshed,
Leicestershire LE12 9NH
Tel: 08445 766 760 Fax: 08445 766 761
Email: info@singleply.co.uk
Web: www.singleply.co.uk

DESCRIPTION

SIGNature PU Reinforcing Tape is a self-adhesive tape made of a butyl rubber compound, protected by a fleece in polypropylene. The tape has been developed for applications where it is necessary to have a high adhesion property on materials like concrete, gypsum boards and marble.

SIGNature PU Reinforcing Tape is compatible with most common glues (cement and non-cement based adhesives) and it is ideal to be used under wood, marble, ceramic etc coverings (user's own testing should be carried out to ensure compatibility). The tape is highly adhesive to all materials and especially to plastic, glass, steel, polycarbonate, wood and bitumen.

Variations to the product can include: centre cut release liners, cut to edge release liners or edge excess release liners.

FEATURES AND BENEFITS

- Excellent adhesive properties
- Excellent heat stability
- Excellent adhesion at low temperatures
- High workability, plasticity and formability
- Solvent free

TYPICAL APPLICATIONS

The product has been designed to seal joints between the floor slab and wall, both for bricks and gypsum surfaces and for use within some liquid waterproofing systems.

PACKAGING AND SHELF LIFE

SIGNature PU Reinforcing Tape is supplied in rolls 75mm, 100mm and 150mm widths x 10m long.

Can be kept indefinitely in a dry, cool environment.

PREPARATION

SIGNATURE PU Reinforcing Tape is compatible with most building materials, metals and flexible or hard plastics. The surface should be clean, dry, smooth and dust-free. If the installation surface is porous a primer will have to be applied.

APPLICATION PROCEDURE

- ⑤ Prepare the surface and proceed as follows:
- ⑤ Choose the most suitable width of butylene fleece
- ⑤ Unroll the tape until the desired length is reached
- ⑤ Remove the silicone release film that covers the adhesive part of the tape and position Butylene fleece
- ⑤ Press with a roller or a cloth pad
- ⑤ Protect the tape from UV rays within six months of installation

PRECAUTIONS

The material is not hazardous for normal uses and when used by skilled persons. Keep out of reach of children.

TECHNICAL SPECIFICATION

PROPERTY	UNITS	METHOD	SPECIFICATION
Standard thickness	mm		1.0
Colour			Grey
Tensile strength	N/50mm	EN12311-1	Longitudinal >100, Trasverse >100
Elongation at break		EN12311-1	Longitudinal >70%, Trasverse >70%
Solids			100%
Specific weight	g/cm ³	ASTM D 792	1.4
Peel adhesion 90°	N	ASTM D 1000	≥90
Loop tack test	N	ASTM D 6195	≥80
Probe tack test	N	ASTM D 2979	≥80
Vertical flow	mm	ISO 7390	0
Cement adhesive strength C2E on fleece	N/mm ²	EN 12004-EN1348	0.9
Application temperature	°C		0 to 40
Service temperature	°C		-30 to +80. Up to 160 for maximum 24 hours

Certified quality, environmental and occupational health & safety management systems:
ISO 9001/14001 & OHSAS 18001.



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