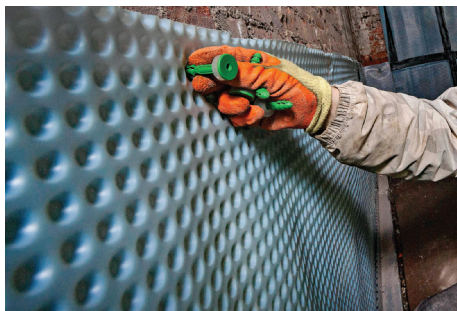


# BASELINE 8 Cavity Drain Membrane

## DESCRIPTION

Baseline 8 is a robust and durable cavity drain membrane. It is moulded from high density polyethylene (HDPE) and incorporates integral 8mm stand-off studs at 25mm centres. It includes an 80mm stud-free strip for overlapping sheets.



## APPLICATIONS

- Use as an internal waterproof lining with drainage and ventilation capacity.
- Use on masonry or concrete walls and floors.
- Use in new construction or in existing buildings.
- Use above ground for damp-proofing walls.
- Use underground (on walls, floors and vaulted ceilings subject to high groundwater levels and perennial moisture) as part of a sealed waterproof tanking system with provision for disposing of water accumulation behind the membrane.

## BENEFITS

- Resistance to water and water vapour
- Resistance to salt transfer
- Resistance to puncture, impact and loading
- Supports stud-wall dry lining, concrete screeds and insulated floating floors
- Satisfactory for use in Type C (drained protection) constructions in accordance with BS 8102: 2009
- Effective for the life of the structure
- Easy to cut and quick to install

## INSTRUCTIONS

- All existing loose renders/plasters should be removed.
- 10mm holes should be drilled directly into the masonry and the membrane fixed to the walls using Twistfix Membrane Plugs at a minimum rate of 5 per square metre. Studs for dry lining may be secured with screws driven into the apertures located in the plug-heads
- No fixings should be used when the membrane is being laid on a floor
- Overlaps between the strips of membrane should be sealed at flanged edges using Twistfix Waterproofing Tape.
- Overlaps between the strips of membrane should be sealed at interlocked edges using Twistfix Waterproofing Rope.
- Butted joints should be sealed with Twistfix Overseal Tape
- Wall to floor Junctions should be sealed using Twistfix Waterproof Corner Tape
- Drainage channels, sumps and pumps should be provided as required
- Refer to full installation guidelines given in the Baseline Membrane Method Statement document.

## ANCILLARY PRODUCTS

### Membrane Plugs

60mm long plastic plugs having a 35mm head with a central aperture and a thermoplastic elastomer washer; the plugs are inserted into an 10mm hole to fix the membrane to brick, stone, and concrete.

### Waterproofing Tape

Double-sided butyl rubber tape for sealing overlap joints between the membranes.

### Waterproofing Rope

Butyl rubber rope for sealing interlocking joints between membranes and for sealing around membrane plugs, as an alternative to the thermoplastic elastomer washer.

### Overseal Tape

Single-sided butyl rubber tape for sealing butt joints between membranes and sealing of articles protruding through the membrane.

### Waterproof Corner Tape

Wide single-sided butyl rubber tape for sealing wall/floor junction and sealing of articles protruding through the membrane.

## TECHNICAL SPECIFICATIONS

### BASELINE 8 Cavity Drain Membrane

### Properties

Material	HDPE
Sheet Thickness	0.8mm
Membrane Height	8mm
Stud Height	7mm
Water Void Capacity	4.95L/m <sup>2</sup>
Weight	0.5 Kg/m <sup>2</sup>
Water tightness at 60 kPa	>24 hours
Working Temperature	-50°C to +80°C
Softening Temperature	126°C
Mean Compressive Strength	169 kN/m <sup>2</sup>
<b>Roll Sizes</b>	<b>2.0m x 20m</b>
	<b>2.4m x 20m</b>