

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 ²
Weight	0.5 Kg/m ²
Water tightness at 60 kPa	>24 hours
Working Temperature	-50°C to +80°C
Softening Temperature	126°C
Mean Compressive Strength	169 kN/m ²
Roll Sizes	2.0m x 20m
	2.4m x 20m