

EPS Attenuation Membrane

Data Sheet



The BS Specialist Products attenuation membrane is a 100% recycled polyethylene geomembrane Roll size – 4m x 12.5m
Thickness – 500um

Suitable for use as a described 'impermeable membrane' for a permeable paving system to BS 7533-13:2009 (System C – no infiltration).

The membrane is flexible and suitable for encapsulating underground stormwater attenuation crates in light duty situations only. The system can be joined with tapes, It should be considered to protect the finished membrane with protection boards or geotextile fleeces, particularly where leakage could have particularly severe consequences if damage occurs.

Preformed boxed corners 200mm x 200mm are available to improve the puncture resistance and reduce the risk of unsealed edges around attenuation crates.

Technical Data

Water tightness @ 2kPa 24h	DIN EN 1928	Watertight	
Resistance to impact	DIN EN 12691 – 350mm drop	Watertight	
Resistance to Static Loading	DIN EN 12730	20kg (Pass)	
Durability against thermal ageing	DIN EN 1296	Watertight	
Durability against chemicals	DIN EN 1847	Watertight	
Compatibility with bitumen	DIN EN 1548	Watertight	
Tensile Strength	DIN EN 12311-2	MD 16.5 (500mu)	
Elongation	DIN EN12311-2	MD 500%	
Tear resistance -nail shank	DIN EN 12310-1	MD 360N (500mu)	CMD 375N

Product range accessories on page 2 and 3.

EPS double sided tape - for sealing lapped joints

A butyl modified double sided bitumen tape, 1.5mm thick. Designed to form a gas tight gasket. Excellent adhesion and tolerance to damp and cold conditions.

Colour: Black

Available in 100mm x 15m rolls.

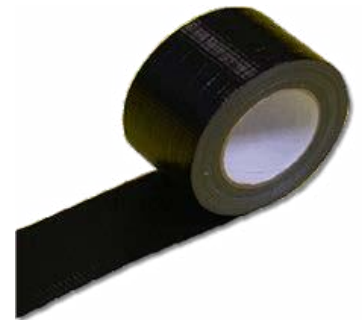


EPS Reinforced Geomembrane Tape

A single sided sided girth tape used to secure and protect, linear joints. Excellent adhesion, dimensionally stable and water resistant.

Colour: Black

Available in 75mm x 20m rolls



EPS Protection Fleece

Corden EPS non-woven geotextile is manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics. Th protection fleece is 300g/m².

Available in 2m x 100m or 4.5m x 100m



EPS Top Hats

Corden EPS Pre-formed Cloaks are offered to produce a professional gas resistant solution to awkward corners and protuberances. Corden EPS Pre-formed Cloaks facilitate installation of gas protection systems where corner details and pipe penetrations are present for NHBC "amber 1" situations.

Available in a range of sizes. Stocked sizes include: 50mm, 110mm, 160mm and 225mm.

We can manufacture bespoke sizes if required.



EPS Protection Board 2m x 1m

The board is used as a protection course for membrane waterproofing materials and can withstand both backfilling and normal on site foot traffic.

It is specifically designed to protect the membrane from construction abuse and harmful punctures by rock and aggregate during backfilling and at the time of later settlement.



Preformed Boxed Attenuation Corners

For use to return corners and reduce risk of damage and unsealed edges.

