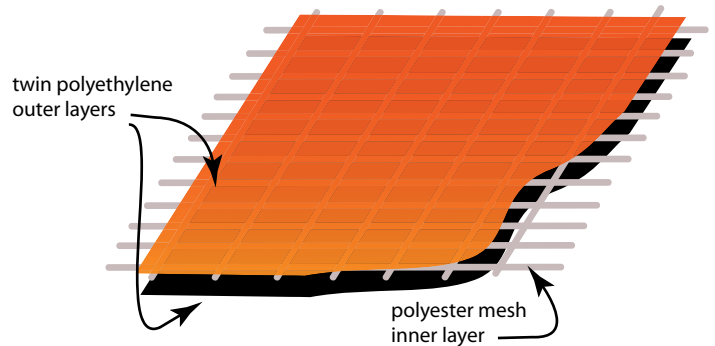


Dampstop® Reinforced

Concrete Underlay, Waterproofing Membrane

• Product Description

A waterproofing membrane comprising a weave locked 550 d/tex polyester square mesh between two outer layers of 0.125 mm LDPE polyethylene. All three component layers are heat laminated into a single composite membrane of 0.25 mm film thickness. Dampstop is colour coded black for the underside and orange to face upward for membrane identification and visual detection of site damage before concreting.



• Scope

Dampstop Reinforced is recommended as superior damp proofing membrane. When used in accordance with installation instructions it may be used as follows: under concrete slabs at grade or below grade level; lining against earth fill for retaining walls and basement walls; under foundation footings and grade beams; vapour barrier retarder lining; roof deck underlay; crawl space lining.

• Durability

Dampstop Reinforced has a minimum life of 50 years and an expected indefinite lifespan under the following conditions:

- 1 Free from tear, puncture or damage during installation
- 2 Storage away from direct sunlight prior to installation
- 3 No exposure to corrosive or petrochemical agents
- 4 The concrete remains unbroken
- 5 The building maintaining structural integrity

• Roll Sizes

Dampstop Reinforced is available as:

A single continuous sheet fabricated to required size and shape with all joints factory heat sealed. Rolls: 2 m x 25 m, 2 m x 50 m, 2 m x 100 m.

Dampstop Reinforced can be sealed to concrete footings and protrusions using Vulcansal tapes.



Physical Properties	Unit	Test Method	Value
Thickness	mm		0.25
Tensile strength at yield	N/ mm ²	ASTM D 882	13.9
Elongation at yield	%	ASTM D 882	203
Impact resistance	g	ASTM D 1709	995
Tear resistance	N	ASTM D 624-B	32
Puncture resistance	N	ASTM E 154-68	415
Water vapour flow transmission	g/ m/ 24 hr	ASTM E 96-A	0.4
Water vapour flow resistance	g/ m/ 24 hr	ASTM E 96-E	1.8

Dampstop is manufactured by Permathene in accordance with ISO 9001

Disclaimer

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate.

While every effort has been made to provide accurate and reliable information, it is up to the user of this brochure to verify all information, including designs it might be based upon, with an independent source. Application of this data must be made on the basis of responsible professional judgement.

Except when agreed to in working conditions of use, no warranty expressed or implied is made regarding the performance of any product, since the manner of use and handling is beyond our control.