

Visqueen DPM to Pifa Standard

- Conforms to PIFA standard 6/83A:1995.
- High puncture resistance.
- Proven performance over many years.
- Withstands rough site handling.
- Comprehensive range to satisfy most site conditions.
- Manufactured from the highest quality reprocessed materials.

Description

Visqueen Damp Proof Membranes are a high quality range of polyethylene Damp Proof Membranes, available in Blue or Black and produced to PIFA Standard 6/83A:1995.

Manufactured from high quality reprocessed low density polyethylene (LDPE) Visqueen Damp Proof Membranes have successfully prevented moisture penetration from floors for many years. From our experience we have developed our own strict quality and production management systems. These systems which continuously monitor key performance criteria, along with a strict selective raw material policy ensures a consistently high quality DPM.

Visqueen Damp Proof Membranes comply with the relevant Building Regulations. Visqueen Damp Proof Membranes should be used in conjunction with the Visqueen Jointing System to ensure complete integrity of joins.

Application

Applications

The extensive range of Visqueen Damp Proof Membranes means that they are suitable for use in floors in most site conditions, not subject to hydrostatic pressure. In these applications use Visqueen Self Adhesive Membrane.

Visqueen DPM Jointing System

For jointing adjacent sheets of Visqueen DPM, DPM to DPC & DPC to DPC, Visqueen Jointing System should be used. The system comprises of the following:

Visqueen Double Sided Jointing Tape

A double sided adhesive strip which forms a tenacious bond between sheets.

Visqueen Girth Jointing Tape

A self adhesive pressure sensitive tape used in conjunction with Visqueen Double Sided Jointing Tape.

Installation

Visqueen DPM Usage

When used in accordance with the PIFA Certificate and the relevant clauses of CP 102: 1973 in concrete floors not subject to hydrostatic pressure Visqueen Damp Proof Membranes form an effective barrier to the passage of moisture and water vapour from the ground. The DPM must be continuous with the DPC in the surrounding walls.

Although Visqueen Damp Proof Membranes have a high resistance to puncture and damage by normal foot traffic, a surface of blinding or soft sand should be used to avoid damage to the membrane both during installation and when the concrete or screed is being laid.

Visqueen DPM must be covered by a screed or other protective layer as soon as possible after installation. Care should be taken to ensure that the membrane is not stretched or displaced when placing the concrete or screed over the membrane. Sufficient allowance should be made to avoid bridging (ie. creating areas of unsupported membrane) during screeding operations at internal angles, etc.

Jointing Procedures

Surfaces must be clean and dry. Adjacent sheets must be overlapped by a minimum of 150mm. Visqueen Double Sided Jointing

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Tape should be used to join adjacent DPM sheets. The sheets should then be sealed by using 100mm wide Visqueen Girth Jointing Tape. Where the sheets have been perforated they should be patched with sheets of identical thickness lapped at least 150mm beyond the limits of the puncture and sealed with Visqueen Double Sided Jointing Tape.

Storage & Handling

Visqueen DPM is classified as non hazardous when used in accordance with the relevant Codes of Practice (CP102 1973) and PIFA Certificate No 1995/10. The product is chemically inert and is not affected by acids and alkalis that may be present in the sub-soils.

BBA DPM

Visqueen Building Products also produce a DPM with BBA Accreditation, certificate number 94/3009. Further details are available upon request.

Technical Advice

For advice on detailing or installation call Visqueen Building Products Technical Help Line 01685 846150. Pricing & Availability
Prices may be obtained from our UK Network of merchant stockists. For details of these call our Sales Office on 01685 846150.

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Typical Properties	
Dimensional Details	
Nominal Thickness	250mu, 300mu, 500mu
Gauge	1000(250mu), 1200(300mu), 2000(500mu)
Roll length	25m(250mu), 25m(300mu), 12.5m(500mu)
Roll Width	4m(250mu, 300mu, 500mu)
Minimum Roll Weight	23Kg(250mu), 27.6Kg(300mu), 23Kg(500mu)
Physical Characteristics	
Tensile Strength (BS2782:320A)	250mu (N/25mm) 90(min) (MPa) 14.4(min) 300mu (N/25mm) 108(min) (MPa) 14.4(min) 500mu (N/25mm) 180(min) (MPa) 14.4(min)
Elongation at Break % BS2782:320A) *(56 days @ 80OC)	250mu unaged 500(min) aged* 250(min) 300mu unaged 500(min) aged* 250(min) 500mu unaged 500(min) aged* 250(min)
Tear Resistance (MOAT 27.5.4.1)	250mu (N)10(min) (N/mm)40(min) 300mu (N)12(min) (N/mm)40(min) 500mu (N)20(min) (N/mm)40(min)
Impact Strength Fold (f50,g)	250mu: 250(min) 300mu: 300(min) 500mu: 500(min)
Impact Strength Body (f50,g)	250mu: 500(min) 300mu: 600(min) 500mu: 1000(min)
Water Vapour Transmission g/m ² /24hr	250mu: 1.0(max) 300mu: 0.8(max) 500mu: 0.5(max)
Visqueen Double Sided Jointing Tape	
Roll Length (m)	10
Width (mm)	50
Visqueen Girth Jointing Tape	
Length (m)	33
Roll Width (mm)	100