

Visqueen Polyethylene Damp Proof Course

Features and benefits

- Manufactured to British Standard - achieves minimum DPC requirements
- Manufactured using a minimum 85% recycled polyethylene
- Diamond embossed surface - improves mortar adhesion
- Minimum DPC standard - cost effective option

Product description

Visqueen Polyethylene Damp Proof Course is a black, flexible 0.5mm damp proof course suitable for masonry wall constructions. It is supplied in 30m length rolls and the following widths: 100mm, 112.5mm, 150mm, 225mm, 300mm, 337.5mm, 450mm, 600mm, 900mm and 1200mm.

Approvals and standards

- Manufactured to BS 6515:1984
- UKCA CE Mark EN 14909:2012 Type A
- Visqueen certified with Quality Management System ISO 9001:2015
- Visqueen certified with Occupational Health and Safety System ISO 45001:2018
- Visqueen certified with Environmental Management System ISO 14001:2015

Usage

Visqueen Polyethylene Damp Proof Course is suitable for various masonry applications in accordance with Appendix D of BS 6515:1984.

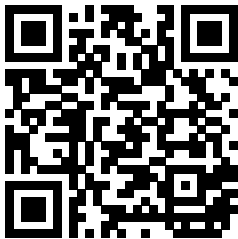
BS 6515: 1984 Appendix D recommends that the DPC is not suitable for use above lintels in cavity walls i.e. not suitable for use as a cavity tray.

Where relevant, please refer to warranty providers standards to ensure suitability for the application considered e.g. some warranty providers state that damp proof courses manufactured to BS 6515: 1984 are not suitable for use as cavity trays but are suitable for use as a DPC to prevent moisture rising from the ground.

System components

- Visqueen 100mm Double Sided Butyl Tape, 100mm x 15m

Find your local stockist





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Storage and handling

Visqueen Polyethylene Damp Proof Course should be stored vertically and under cover in its original packaging.

Care should be taken when handling the product in line with current manual handling regulations.

Preparation

Visqueen Polyethylene Damp Proof Course can be cut with a sharp retractable safety knife or robust scissors.

Installation

DPCs and DPC cavity trays systems to be designed and installed in accordance with the relevant sections of BS 8215:1991, PD 6697:2019 and BS 8000-3:2020.

When built into a masonry wall construction Visqueen Polyethylene Damp Proof Course should be installed on an even bed of wet mortar, and any perforations in adjacent courses of masonry should be completely filled with mortar. To ensure mortar adhesion, as soon as possible after laying the DPC, lay at least one further course of masonry including a bed of mortar.

If positioned on the sleeper walls below a suspended ground floor e.g. beam and block floor system, the DPC can be dry laid, however all sharp protrusions must be removed from the substrate. The DPC must extend through the full thickness of the masonry wall, including pointing, applied rendering or other facing materials.

When using a hammer tacker to secure the DPC to an OSB3 substrate of a timber frame construction, minimum 8mm shank austenitic stainless steel staples should be used at minimum 150mm centres.

All DPC to DPC laps should be a minimum of 100mm and bonded with Visqueen 100mm Double Sided Butyl Tape.

Usable temperature range

It is recommended that Visqueen Polyethylene Damp Proof Course and all associated system components should not be installed below 5°C.

Additional information

Where a housing grade DPC or supported cavity tray system is required, use Visqueen Zedex Housing Grade Damp Proof Course.

Where a high performance DPC or cavity tray system is required e.g. for commercial or multi storey constructions, use Visqueen Zedex CPT High Performance Damp Proof Course.

Where a gas DPC or cavity tray system conforming to the specification requirements of BS 8485:2015 + A1:2019 is required, use Visqueen Ultimate Gas Damp Proof Course.

For further information, contact Visqueen Technical Services +44 (0) 333 202 6800.

The information in this datasheet was correct at the time of publication. It is the user's responsibility to obtain the latest version of the datasheet as it is updated on a regular basis. The information contained in the latest datasheet supersedes all previously published editions.

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Property	Test method	Units	Compliance criteria	Result
Visible defect	BS EN 1850 -2	-	Pass/Fail	Pass
Length	BS EN 1848-2	m	-5%/+5%	30
Width	BS EN 1848-2	mm	-5%/+5%	100 to 1200
Straightness	BS EN 1848-2	-	Pass/Fail	Pass
Thickness (peak to peak)	BS EN 1849-2	mm	-12.5%/+12.5%	0.6
Mass	BS EN 1849-2	g/m ²	-12.5%/+12.5%	485
Tensile strength - MD	BS EN 12311-2	MPa	MLV	15
Tensile strength - TD	BS EN 12311-2	MPa	MLV	13
Tensile elongation - MD	BS EN 12311-2	%	MLV	500
Tensile elongation - TD	BS EN 12311-2	%	MLV	500
Watertightness to 2kPa for 24 hours	BS EN 1928	-	Pass/Fail	Pass
Resistance to impact	BS EN 12691	mm	MLV	200
Durability (artificial ageing)	BS EN 1296 and BS EN 1928	-	Pass/Fail	Pass
Durability (alkali)	BS EN 12113-2	-	Pass/Fail	Pass
Resistance to low temperature	BS EN 495-5	°C	MDV	-40
Resistance to tearing (nail shank) MD	BS EN 12310-1	N	MDV	270
Resistance to tearing (nail shank) TD	BS EN 12310-1	N	MDV	270
Water vapour transmission - permeability	BS EN 1931	g/m ² /d	MDV	0.13
Resistance to static loading	BS EN 12730	kg	>MLV	20
Reaction to fire	BS EN 13501-1	Class	MDV	F

Health and safety information

Refer to the Visqueen Polyethylene Damp Proof Course safety datasheet (SDS).

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About Visqueen

The Visqueen name has long been recognised as one of the leading manufacturers of high quality advanced membrane technologies and design based solutions by specifiers, distributors, builders merchants and contractors throughout the UK and Europe.

For further guidance on the Visqueen services shown below, please refer to the relevant section of the Visqueen website (www.visqueen.com) or contact Visqueen Technical Services on +44 (0) 333 202 6800 or enquiries@visqueen.com

Complete Range, Complete Solution



Structural Waterproofing



Gas Protection



Damp Proof Membrane



Tapes



Damp Proof Course



Stormwater



Vapour Control

Visqueen Technical Support

Visqueen combine an extensive product portfolio with industry leading levels of service and support which includes guidance over the phone, bespoke CAD drawings to help with complex detailing, electronic NBS specifications and access to a dedicated team of highly knowledgeable and experienced field based Technical Support Managers.

Visqueen Technical Support is available to all our customers including architects, specifiers, distributors, builders merchants, contractors and end users. All of our technical team have been awarded the industry recognised qualification Certificated Surveyor in Structural Waterproofing (CSSW).

Visqueen CPD Seminars

The Visqueen Continuing Professional Development (CPD) Seminars provide up-to-date information on changes within Building Regulations/Building Standards and nationally recognised industry guidance affecting damp proofing, water vapour control, hazardous ground gas protection and below ground structural waterproofing.

The one hour seminars have been produced for design specialists within the construction sector and are delivered by our team of Technical Support Managers.

Visqueen Training Academy

Based at our manufacturing facility in Derbyshire, the Visqueen Training Academy is available to support Visqueen customers throughout the UK by providing a wide range of both theory and practical skills related training.

Courses include one day product awareness training for our distributors and builders merchants to help them in their day-to-day jobs, through to intensive three day courses giving detailed hands-on training in the practical skills required for safe and robust product installation.