Technical support: +44 (0) 333 202 6800

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Visqueen Gas Resistant Damp Proof Course

Features and benefits

- Manufactured in excess of British Standard - achieves minimum DPC requirements
- Gas resistant - part of the Visqueen Gas Barrier system to provide gas protection to BS 8485:2015 + A1:2019
- Multi functional - also acts as a radon resistant damp proof course

Product description

Visqueen Gas Resistant Damp Proof Course (DPC) is a flexible 0.5mm, multi-layer polyethylene damp proof course with an integral foil lining. The DPC is black on the upper surface and silver on the reverse.

It is supplied in 30m length rolls and the following widths: 300mm, 400mm, 500mm, 600mm, 700mm, 800mm, 900mm and 1000mm

Approvals and standards

- Manufactured in excess of BS 6515:1984
- Conforms to the specification requirements of BS 8485:2015 + A1:2019
- Conforms to the specification requirements of NHBC Amber 1 and Amber 2 applications
- Conforms to the specification requirements of BR 211:2015
- CE Mark EN 14909
- Quality Management System ISO 9001:2015
- Occupational Health and Safety System ISO 18001:2007
- Environmental Management System ISO 14001:2015

Usage

Visqueen Gas Resistant Damp Proof Course is suitable for all masonry applications including residential, commercial and multi-storey buildings. It can be site formed into a built-in or surface fixed cavity tray to manage the downward passage of water in cavity wall applications.

The DPC also prevents harmful ground gases from entering the building via the cavity, and is suitable for use as a gas DPC for BS 8485:2015 + A1:2019 gas regimes, NHBC Amber 1 and Amber 2 conditions or where radon gas exists.

System components

- Visqueen Zedex Jointing Tape, 100mm x 15m
- Visqueen Zedex DPC Surface Fixing System
- Visqueen Preformed Units
- VisqueenPro Detailing Strip, 300mm x 10m, 500mm x 10m

Find your local stockist

Heanor Gate Road, Heanor, Derbyshire, DE75 7RG
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Visqueen Gas Resistant Damp Proof Course

Storage and handling

Visqueen Gas Resistant Damp Proof Course should be stored vertically, under cover in its original packaging.

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

Preparation

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

Installation

When built into a masonry wall construction Visqueen Gas Resistant 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. The DPC must extend through the full thickness of the masonry wall, including pointing, applied rendering or other facing materials.

When used as a site formed cavity tray, the DPC can be either built-in to the inner leaf or surface fixed to the cavity face of the inner leaf. When surface fixing the cavity tray, the substrate should be primed with Visqueen HP Tanking Primer and allowed to dry. The DPC should be bonded to the inner leaf using Visqueen Zedex Jointing Tape and permanently secured using Visqueen Fixing Strip and fxing suitable for the substrate. Visqueen Fixing Pins for both rigid urethane foam insulation boards, and pins for masonry substrates are available.

To simplify complex or awkward junctions e.g. corners, door thresholds, changes of level, etc an extensive range of Visqueen Preformed Units are available.

All DPC to DPC laps and DPC to Visqueen Preformed Unit laps should be a minimum of 100mm and bonded with Visqueen Zedex Jointing Tape.

Usable temperature range

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

Additional information

Where a heat bonded gas DPC conforming to the specification requirements of BS 8485:2015 + A1:2019 is required, use Visqueen Zedex High Bond Damp Proof Course
For built-in internal and external corners Visqueen Ulimate Preformed Units should be used see PFU-553 (90° unit) or PFU-501 (sloping unit)
For surface fixed internal and external corners Visqueen Ulimate Preformed Units should be used see PFU-554 (90° unit) or PFU-502 (sloping unit)
For additional detailing information, contact Visqueen Technical Services +44 (0) 333 202 6800

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VISQUEEN GR DPC

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Visqueen Gas Resistant Damp Proof Course

Property	Test method	Units	Compliance criteria	Result
Visible defect	EN 1850 -2	-	Pass/Fail	Pass
Length	EN 1848-2	m	-0%/+10%	30
Width	EN 1848-2	m	-0%/+10%	0.3 to 1
Straightness	EN 1848-2	-	Pass/Fail	Pass
Thickness	EN 1849-2	mm	-20%/+20%	0.5
Mass	EN 1849-2	g/m^2	-12%/+12%	475
Watertightness	EN 1928	-	Pass/Fail	Pass
Resistance to impact	EN 12691	mm	>MLV	40
Durability (artificial ageing)	EN 1296 and EN 1928	-	Pass/Fail	Pass
Durability (alkali)	Annex C	-	Pass/Fail	NPD
Resistance to low temperature	EN 495-5	°C	<MLV	-40
Resistance to tearing (nail shank)	EN 12310-1	N	MDV	280 310
Water vapour permeability	EN 1931	$g/m^2/d$	+-20%	0.13
Resistance to static loading	EN 12730	kg	>MLV	20
Methane permeability	ISO 15105-1	$ml/m^2/d/atm$	MDV	13
Reaction to fire	EN 13501-1	Class	MDV	F

Health and safety information

Refer to the Visqueen Gas Resistant Damp Proof Course material safety datasheet (MSDS).

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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 PI designs and special projects

From initial design to the completed project, Visqueen are with you every step of the way. Whether it be hazardous ground gas protection and/or below ground waterproofing protection employing barrier, structurally integral or drained systems, Visqueen can offer professional indemnity (PI) insurance for bespoke Visqueen design solutions.

Visqueen Technical Support Managers work with all stakeholders to provide cost effective Visqueen solutions offering complete peace of mind throughout the construction phase and beyond.

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.

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