Technical support: +44 (0) 333 202 6800

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Visqueen Zedex Housing Grade Damp Proof Course

Features and benefits

- BBA certified - third party accreditation
- Assessed in accordance with Technical Requirement R3 - conforms to NHBC requirements and suitable for NHBC sites
- Flexible cavity tray system - easy to detail and install on site
- Good tear resistance - robust and resistant to on site damage
- Versatile applications - widths from 100mm to 900mm
- Visqueen Preformed Units available - simplifies complex or awkward detailing

Product description

Visqueen Zedex Housing Grade Damp Proof Course (DPC) is a black, flexible 0.6mm damp proof course and cavity tray system. It is manufactured from a mixture of thermoplastic polymers and additives including elastomers. The product does not conform to BS6515:1984.

The DPC is supplied in 20m length rolls and the following widths: 100mm, 112.5mm, 150mm, 225mm, 300mm, 337.5mm, 450mm, 600mm, 750mm and 900mm.

Approvals and standards

- Third party accreditation (BBA 94/3059)
- 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 Zedex Housing Grade Damp Proof Course is designed for residential buildings up to and including 3 storeys high. The DPC is suitable for installation in internal walls to prevent rising damp. The DPC is also suitable for installation in external cavity walls with a masonry outer leaf, including walls with a light gauge steel frame, structural timber frame or masonry inner leaf. The DPC can be site formed into built-in or surface fixed cavity trays to manage the downward passage of water in cavity wall applications. When used as a cavity tray, the DPC should be fully supported along its length e.g. supported by the lintel or supported by full-fill insulation. The DPC can also be used on sleeper walls below a ground floor construction e.g. beam and block floor system.

System components

- Visqueen 100mm Double Sided Butyl Tape, 100mm x 15m
- Visqueen HP Tanking Primer, 5L
- 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
+44 (0) 333 202 6800 I enquiries@visqueen.com I www.visqueen.com

Visqueen Zedex Housing Grade Damp Proof Course

Storage and handling

Visqueen Zedex Housing Grade 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

The Visqueen Zedex Housing Grade 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 Zedex Housing Grade 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 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. The DPC should be supported along its length e.g. supported by the lintel or full-fill insulation.

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 100mm Double Sided Butyl Tape and permanently secured using Visqueen Fixing Strip and fixings suitable for the substrate. Visqueen Fixing Pins for the rigid urethane foam insulation of a SFS substrate, and fixing pins for a masonry substrate are available.

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.

To simplify complex or awkward junctions e.g. corners, changes of level, arch windows 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 100mm Double Sided Butyl Tape.

Usable temperature range

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

Additional information

Where a high performance DPC is required e.g for commercial or multi storey constructions, use Visqueen Zedex CPT High Performance Damp Proof Course
Where a gas DPC conforming to the specification requirements of BS 8485:2015 + A1:2019 is required, use Visqueen Ultimate Gas Damp Proof Course
For built-in internal and external corners Visqueen Preformed Corner Units should be used see PFU-553 (90° unit) or PFU-501 (sloping unit)
For surface fixed internal and external corners Visqueen Preformed Corner 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

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 defects	EN 1850 -2	-	Pass/Fail	Pass
Width	EN 1848-2	mm	-5%/+5%	100 to 1400
Straightness	EN 1848-2	-	Pass/Fail	Pass
Thickness	EN 1849-2	micron	-10%/+10%	600
Mass	EN 1849-2	g/m^2	-10%/+10%	570
Joint strength	EN 12317-2	N	>MLV	160
Watertightness 2kPa	EN 1928	-	Pass/Fail	Pass
Tensile strength (MD)	EN 12311-2	MPa	>MLV	17
Tensile strength (TD)	EN 12311-2	MPa	>MLV	14
Elongation (MD)	EN 12311-2	%	>MLV	500
Elongation (TD)	EN 12311-2	%	>MLV	500
Resistance to impact	EN 12691	mm	>MLV	200
Resistance to low temperatures	EN 495-5	°C	MDV	-40
Flexibility at temperatures	EN 1109	°C	MDV	-15
Durability (artificial ageing)	EN 1296 and EN 1928	-	Pass/Fail	Pass
Durability chemical resistance	EN 1847	-	Pass/Fail	Pass
Durability against alkali - annex c	EN 14909	-	Pass/Fail	Pass
Resistance to tearing (nail shank) MD	EN 12310-1	N	MDV	320
Resistance to tearing (nail shank) TD	EN 12310-1	N	MDV	310
Water vapour transmission - resistance	EN 1931	MNs/g	MDV	365
Water vapour transmission - permeability	EN 1931	$g/m^2/d$	MDV	0.37
Reaction to fire	EN 13501-1	Class	MDV	F

Health and safety information

Refer to the Visqueen Zedex Housing Grade Damp Proof Course material safety datasheet (MSDS).

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Visqueen Zedex Housing Grade Damp Proof Course

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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