Technical Datasheet

Visqueen Preformed Units [SC]

Features & benefits

- Visqueen Preformed Units - part of the Visqueen Zedex and Visqueen Ultimate Gas DPC systems
- Off-site factory manufactured - reduces the risk of water ingress
- Three dimensional shapes - simplifies detailing at complicated junctions
- Flexible materials - provides an allowance for site tolerances
- Extensive range - used for both built-in and surface fixed cavity tray applications
- Used for both damp and gas proofing applications
- Compatible with all Visqueen damp and gas proof courses and membranes

Product description

Visqueen Preformed Units (PFUs) are factory manufactured three dimensional shapes. The units are formed from either Visqueen Zedex CPT High Performance DPC (Zedex Units) or Visqueen Ultimate Gas DPC (Ultimate Units).

Approvals and standards

Usage

System components

- Visqueen Zedex DPC Surface Fixing System
- Visqueen DPC Joint Support

Storage and handling

Preparation

Installation

Usable temperature range

Additional information

Property	Test method	Units	Compliance criteria	Zedex Unit results	Ultimate Unit results
Thickness	BS EN 1849-2	mm	-10%/+10%	0.8	0.5
Weight	BS EN 1849-2	g/m²	-10%/+10%	750	470
Watertightness 2kPa	BS EN 1928	-	Pass/Fail	Pass	Pass
Resistance to low temperatures	BS EN 495-5	°C	MDV	-40	-40
Flexibility at temperatures	BS EN 1109	°C	MDV	-15	-15
Foldability	BS EN 495-5	°C	MDV	-40	-40
Durability (artificial ageing)	BS EN 1296 and BS EN 1928	-	Pass/Fail	Pass	Pass
Durability chemical	BS EN 1847	-	Pass/Fail	Pass	Pass

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resistance					
Durability against alkali - Annex C	BS EN 14909	-	Pass/Fail	Pass	Pass
Resistance to static loading	BS EN 12730	kg	MLV	20	20
Water vapour transmission - resistance	BS EN 1931	MNs/g	MDV	372	1034
Water vapour transmission - permeability	BS EN 1931	g/m²/d	MDV	0.4	0.13
Radon permeability	SP Method no. 3873	m²/s	MDV	8.30×10^{-12}	-
Carbon dioxide permeability	ISO 2782:1995	m²/sec/Pa	MDV	1.58×10^{-16}	-
Methane permeability	ISO 15105-1	ml/m²/d/ atm	<40	-	1.3
Benzene, toluene, ethyl benzene, m p xylene (BTEX)	ISO 15105-2	ml/m²/d	MDV	-	<0.11
Reaction to Fire	BS EN 13501-1	Class	MDV	F	F

Health and safety information

About Visqueen

Visqueen is a leading provider of construction membrane technologies and design-based solutions for ground gas, structural waterproofing, damp proofing and fire protection.

We offer complete support at every stage of the specification, including the supply chain process. As the UK's principal technical authority, we are best placed to ensure that the principal designer and contractor specify the most technically suited, durable, and competitive solution to guarantee their project is protected for the lifetime of the building.

Visqueen is at the forefront of advanced membrane technology and innovation in the construction industry, earning the trust and loyalty of specifiers throughout the UK and Europe.

For more information, visit visqueen.com or contact our sales office at +44 (0) 333 202 6800 or enquiries@visqueen.com

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Complete Range, Complete Solution



Passive Fire Protection | Gas Protection | Damp Proof Membrane | Air and Vapor Control | Stormwater | Damp Proof Course | Temporary Protection

Visqueen Technical Support

Visqueen offer a comprehensive full nationwide technical support. Our team of CSSW qualified technical support managers provide on site design-based solutions for specifiers, contractors and builders merchants, and will ensure that from design stage to installation the project is fully risk assessed and the specification is approved by all stakeholders.

Our Technical Office, can design, prepare and manage CAD detailing, together with assisting in quantity take offs, while offering advice on technical installations and product selection.

Competency & Design

Visqueen promotes competency in building design by ensuring that its technical team possesses the necessary skills, knowledge, experience, and ethical practices. The company adopts the "golden thread of information," ensuring all project data is digitally secure and accessible throughout a building's lifecycle. This approach aligns with the Building Safety Act and aims to foster accountability and compliance with evolving regulations, providing clients with confidence in the safety and reliability of their projects.

Visqueen CPD Seminars

Visqueen's CPD Seminars offer insights into Building Regulations, Standards, and industry guidance related to damp proofing, hazardous ground gas protection, and structural waterproofing. These one-hour seminars are tailored for construction design professionals and delivered by our Technical Support Managers. Visit our website to book a free CPD.

Visqueen Contract Design Services

Visqueen Contract Design Services offers a bespoke design service led by our team of Certified Surveyors in Structural Waterproofing (CSSW), providing experienced and specialised waterproofing design expertise for complex projects. We provide comprehensive support throughout the entire project, ensuring that all work meets the requirements of warranty providers and adheres to the highest standards of quality, reliability and current legislation.

Visqueen Training Academy

Based at our Derbyshire facility, the Visqueen Training Academy offers a variety of training programs across the UK. These include one-day product awareness sessions for distributors and builders' merchants, and intensive two-day courses for hands-on product installation training. Contact us for more information.

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