Technical Datasheet

Visqueen Zedex DPC Surface Fixing System

Features & benefits

- Part of the Visqueen DPC and cavity tray system.

Product description

Visqueen Zedex DPC Surface Fixing System consists of the following products:

1) Visqueen Zedex Fixing Strip - a flexible black plastic strip, 2m long, 25mm high and 2mm thick. The strip is pre-drilled at 150mm centres with 8mm diameter holes (13 holes per strip). The strip are supplied individually.

2) Visqueen Zedex Fixing Pins for Masonry - a grey plastic fixing design for securing into masonry substrates. The fixings are 6.5mm diameter and 40mm long and supplied 50 per box.

3) Visqueen Zedex Fixing Pins for Insulation - a black fixing designed for securing into the rigid urethane foam insulation of a SFS substrate. The fixings are 8mm diameter, 35mm long and supplied 500 per bag.

Approvals and standards

- 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 DPC Surface Fixing System is designed for use with surface fixed DPC cavity trays and Preformed Units supplied by Visqueen. Please note that separate surface fixing products are available for Visqueen Zedex Non-Combustible Damp Proof Course, Visqueen Zedex Non-Combustible Flexi Preformed Units and Visqueen Non-Combustible Preformed Units.

System components

- Visqueen Preformed Units [SC]

Storage and handling

Visqueen Zedex DPC Surface Fixing System products should be stored in a warm, dry and clean environment in their original packaging.

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

Preparation

Ensure the substrate is clean, dry and free from sharp protrusions.

Installation

Masonry substrates e.g. concrete, brickwork, blockwork.
When surface fixing to the cavity face of a masonry inner leaf substrate, prime a 100mm band of the substrate at the appropriate height with Visqueen HP Tanking Primer and allow to dry. Apply a continuous strip of Visqueen 100mm Double Sided Butyl Tape to the primed substrate and bond the vertical flange of the cavity tray to the tape. Roller to ensure an effective bond. Secure the surface fixed cavity tray in position with Visqueen Zedex Fixing Strip and Visqueen Zedex Fixing Pins for Masonry.
In order to install Visqueen Zedex Fixing Pins for Masonry, drill a 6.5mm diameter by 50mm deep hole into the substrate. Insert the fixing pin and tap the central plastic nail firmly home into the fixing pin. The fixing pin will expand giving a secure grip into the substrate. Progressively repeat the process for each hole in the fixing strip.

Timber or weather defence board substrates.
When surface fixing to timber frame or the weather defence boards of lightweight structural framing systems, follow the above procedure but replace the fixing pins with suitable stainless steel fixings appropriate for the substrate.

Insulation substrates.
When surface fixing to the rigid urethane foam insulation of a SFS substrate, apply a continuous strip of Visqueen 100mm Double Sided Butyl Tape to the substrate and bond the vertical flange of the cavity tray to the jointing tape. Roller to ensure an effective bond. Secure the surface fixed cavity tray in position with Visqueen Zedex Fixing Strip and Visqueen Zedex Fixing Pins for Insulation.
In order to install Visqueen Zedex Fixing Pins for Insulation, form a pilot hole using a bradawl or similar prior to inserting the fixing pin. Progressively repeat the process for each hole in the fixing strip.

Usable temperature range

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Visqueen Zedex DPC Surface Fixing System

It is recommended that the Visqueen Zedex DPC Surface Fixing System should be installed above 5°C.

Additional information

Visqueen Preformed Units are available for complex or awkward junctions of the cavity tray e.g. internal corners, external corners, changes of level, etc.

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.

Health and safety information

Refer to the Visqueen Zedex DPC Surface Fixing System safety datasheet (SDS).

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

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

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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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