Technical Datasheet

Visqueen DPC Joint Support

Features & benefits

- Lightweight - easy to handle
- Factory manufactured - available for any cavity tray profile
- Maintains cavity tray profile - prevents sagging and water pooling in the cavity tray
- Rigid support - ensures a solid substrate for the lap formation and ensures long term lap integrity

Product description

Visqueen DPC Joint Supports are factory manufactured lightweight stainless steel profiles for supporting Visqueen DPC cavity tray lap joints.

The supports are manufactured as standard from stainless steel to BS EN 10088 grade 1.4301 (BS 1449 grade 304). See additional information section on page 2 regarding availability of other stainless steel grades.

The bespoke supports are made to order using Visqueen drawing PFU-NC-660.

The supports are also available as a pack of 10 units which can be hand bent on site to the required cavity tray profile. The pack of 10 units are suitable for cavity tray widths up to and including 500mm.

Approvals and standards

- Classified by the European Commission as class A1 rated
- Ensures compliance with BS 8215:1991 Section 5.5 DPCs in cavity walling (fully supported joints)
- 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 DPC Joint Supports are designed for use beneath cavity tray lap joints in order to provide a solid substrate for joint formation and to ensure long term lap integrity.

Where and if required, the supports can also be used at specific locations below the cavity tray length to prevent localised sagging.

System components

- Visqueen Zedex Mastic, 380ml
- Visqueen Zedex Non-Combustible Flexi Preformed Units [SC]
- Visqueen Preformed Units [SC]

Storage and handling

Visqueen DPC Joint Supports should be stored under cover in their original packaging.

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

Visqueen DPC Joint Supports are produced from sheared stainless steel plate which may present sharp edges/corners. Suitable personal protective equipment should be worn at all times during handling and installation.

Preparation

Ensure the Visqueen DPC Joint Support matches the required cavity tray profile.

Installation

Prior to the Visqueen cavity tray lap formation, position the Visqueen DPC Joint Support beneath the joint, either building into the inner leaf or in the case of a surface fixed cavity tray, securing to the inner leaf with Visqueen Zedex Mastic (if using the Visqueen Zedex Non-Combustible DPC system) or Visqueen 100mm Double Sided Butyl Tape (if using an alternative Visqueen DPC system), or by using stainless steel fixings appropriate for the substrate. The joint support will also rest on the masonry outer leaf.

Create the sealed Visqueen DPC cavity tray lap joint over the support following the procedure as described in the relevant DPC product datasheet.

Usable temperature range

Although there are no limitations to the usable temperature range for Visqueen DPC Joint Supports, it is recommended that the Visqueen products associated with this system component should not be installed below 5°C.

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Additional information

Generally where stainless steel components are embedded in the outer leaf of a masonry façade, BS EN 10088 grade 1.4301 (BS 1449 grade 304) is the most appropriate choice and as such Visqueen DPC Joint Supports are manufactured from this grade as standard. However, in certain circumstances a more durable grade is often specified. In coastal environments where airborne salts are present, BS EN 10088 grade 1.4401 (BS 1449 grade 316) is often the preferred choice. The final decision of which stainless steel grade to select remains the responsibility of the project Structural Engineer. If a BS EN 10088 grade other than 1.4301 (BS 1449 grade 304) is required, please advise prior to requesting a quotation.

As standard, Visqueen DPC Joint Supports are supplied without fixing holes. If fixing holes are required, please advise prior to requesting a quotation.

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

For typical Visqueen DPC Joint Support profiles see Visqueen drawings PFU-NC-660.

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.

Property	Result
Fire classification	Class A1

Health and safety information

Refer to the Visqueen DPC Joint Support 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

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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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