



Visqueen DPC Joint Support

Classified by the European Commission as class A1 rated

Features and 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

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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 using stainless steel fixings appropriate for the substrate. The joint support will 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.

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.



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| Property | Results |
|---------------------|----------|
| Fire classification | Class A1 |

Health and safety information

Refer to the Visqueen DPC Joint Support safety datasheet (SDS).

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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 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 two day courses giving detailed hands-on training in the practical skills required for safe and robust product installation.