

## Visqueen Cavity Membrane System Components

### Features and benefits

- Used with Visqueen CM8 Membrane and Visqueen CM20 Membrane
- Full range of system components - ensures a complete cavity membrane and drainage system in accordance with BS 8102:2022

### Product description

#### CAVITY MEMBRANE TAPES AND FIXINGS

- Visqueen CM Butyl Rope - a double-sided self adhesive butyl tape, 10mm x 5m
- Visqueen CM Butyl Tape - a double-sided self adhesive butyl tape, 28mm x 22.5m
- Visqueen CM Butyl Overseal Tape - a single-sided self adhesive butyl tape, 75mm x 22.5m
- Visqueen CM Butyl Corner Detail Tape - a single-sided self adhesive butyl tape, 150mm x 20m, 2 rolls per box
- Visqueen CM Brick Plug with seal washer - masonry plugs, 60mm x 10mm, 100 per bag

#### CAVITY DRAIN COMPONENTS

- Visqueen CD Water Channel with upstand - a water channel, 80mm wide, 45mm deep, 2m length, 55mm high upstand
- Visqueen CD Water Channel without upstand - a water channel, 80mm wide, 45mm deep, 2m length
- Visqueen CD Universal Channel - a combined water channel without upstand, that includes an upper 45mm internal diameter inspection port and 100mm internal diameter bottom pipe outlet. The channel is 90mm wide, 55mm deep, 360mm length
- Visqueen CD Jointing Section - a jointing unit that connects two sections of a water channel
- Visqueen CD Stop End - an end cap unit for a water channel
- Visqueen CD Swept Corner - a right angled unit that connects two sections of water channel at a corner
- Visqueen CD T Piece - a T shaped unit that connects three sections of water channel at a three way junction
- Visqueen CD Jetting Eye - a section of water channel with upstand which includes a flexible 35mm internal diameter inspection/cleaning/maintenance port
- Visqueen CD 50mm Outlet - a unit that connects a water channel to a 50mm diameter waste pipe

#### POLYETHYLENE SUMPS, PUMPS, CONTROL PANELS AND ALARM SYSTEMS

A wide range of systems are available. For further guidance contact Visqueen Technical Support.

### Approvals and standards

- Suitable for use as part of a Type C (drained) waterproofing protection system to BS 8102:2022
- 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

Type C waterproofing is defined in BS 8102:2022 as 'drained protection'. This is achieved by the incorporation of a drained cavity within the below ground structure. The walls and floor must provide enough primary resistance to water ingress to ensure the cavity only accepts a controlled amount of water or dampness. Water is collected in the cavity, between the external wall/floor and an internal lining (cavity membranes), and diverted to a suitable drainage point.

Visqueen Cavity Membrane System Components are a range of tapes, fixings, drainage components, sumps, pumps, control panels and alarms for use with Visqueen CM8 Membrane and Visqueen CM20 Membrane systems.

### System components

## Visqueen Cavity Membrane System Components

### Storage and handling

Visqueen Cavity Membrane System Components should be stored upright, under cover in a dry clean environment and in their original packaging.

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

### Preparation

Prior to application of Visqueen CM8 Membrane or Visqueen CM20 Membrane, all concrete surfaces must be sealed with Visqueen CM Anti-Lime Sealer (see product datasheet for further guidance).

### Installation

#### CAVITY MEMBRANE TAPES AND FIXINGS

For use of the tapes and fixings, see Visqueen CM8 Membrane and Visqueen CM20 Membrane product datasheets.

#### CAVITY DRAIN COMPONENTS

Visqueen CD Water Channel is a 2m length of drainage channel which should be fitted around the periphery of an internal floor at the vulnerable wall/floor junction and where necessary across the floor area to link the perimeter drainage channel to the sump. Any water entering the building through walls or curved soffits is controlled behind the wall membrane and enters the water channel through the pre-drilled 19mm holes before being diverted to the sump and mechanical pump, or natural drainage point. The water channel is supplied with or without an upstand. The water channel with upstand is used at the wall/floor junction. The water channel without upstands is used as a cross-floor water channel.

Visqueen CD Universal Channel is a section of water channel without upstand and with a 100mm bottom outlet that fits into 'pop-up' pipework running through or under the floor slab, ensuring that water runs as quickly as possible directly to a sump. Also includes an inspection/cleaning/maintenance port which can be cut down to suit floor finishes. Can be used with both types of Visqueen CD Water Channel.

Visqueen CD Jointing Section is a push fit unit that connects two sections of a water channel.

Visqueen CD Stop End is a push fit end cap for the water channel that restricts the flow of water from the end of the water channel.

Visqueen CD Swept Corner is a push fit unit that connects two sections of water channel at a corner junction.

Visqueen CD T Piece is a push fit unit that connects three sections of water channel at a three way T junction.

Visqueen CD Jetting Eye is a section of water channel with upstand and includes an inspection/cleaning/maintenance port. The unit is typically installed at 10-12m intervals along runs of water channel and adjacent to corners and changes of direction.

Visqueen CD 50mm Outlet is a push fit end cap for the water channel that allows the water channel to connect to a 50mm diameter ABS waste pipe.

### Usable temperature range

It is recommended that the Visqueen Cavity Membrane System Component tapes should be installed above 5°C.

### Additional information

In accordance with BS 8102:2022, Type C drain protection waterproofing systems should be maintained. The service period, usually every six to twelve months, should be agreed at the outset with the installing contractor or a specialist pump servicing company.

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.

## Visqueen Cavity Membrane System Components

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### Health and safety information

Please refer to the Visqueen Cavity Membrane System Components product safety datasheet (SDS).

## Visqueen Cavity Membrane System Components

### 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](http://www.visqueen.com)) or contact Visqueen Technical Services on +44 (0) 333 202 6800 or [enquiries@visqueen.com](mailto: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.