



Visqueen VX25 Waterstop, 20mm x 25mm x 5m

Features and benefits

- Butyl rubber and sodium bentonite waterstop used for cast in situ concrete structures
- Self expanding joint sealing waterstop - stops water passing through construction joints within the concrete
- System component - Visqueen Waterstop Adhesive

Product description

Visqueen VX25 Waterstop is a sodium bentonite and butyl rubber waterstop, 20mm x 25mm x 5m long and sold 6 in a box (30m). The product is black in colour.

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 VX25 Waterstop in conjunction with Visqueen Waterstop Adhesive are used to block the passage of water at construction joints and day-joints in cast in situ concrete retaining walls which are 200mm wide or thicker.

System components

Visqueen VX25 Waterstop, 20mm x 25mm x 5m

Storage and handling

Store Visqueen VX25 Waterstop in a dry and clean environment in its original packaging.

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

Preparation

Cast Visqueen VX25 Waterstop in a channel 20mm wide x 12.5mm deep. Ensure that the cast channel is free from loose friable material and free from contamination such as dust or sand. Ensure the surface and working area is not water logged.

Installation

For both vertical and horizontal applications and to ensure the integrity of the system fully bed Visqueen VX25 Waterstop in a continuous bead of Visqueen Waterstop Adhesive (see separate product datasheet).

At waterstop end joints and junctions, overlap the waterstop by minimum 25mm and press firmly together.

A minimum concrete coverage of 75mm is required around the waterstop.

When pouring the concrete, compact well around the waterstop taking particular care not to dislodge or damage the product during the process.

Once applied, pour concrete over the exposed Visqueen VX25 Waterstop within 2 days.

Usable temperature range

It is recommended that Visqueen VX25 Waterstop and Visqueen Waterstop Adhesive should be installed between 5°C to 25°C.

Additional information

The product must NOT be used in expansion joints.

Do not install during heavy rainfall, as it may result in swelling before the concrete has been poured on the sealing bar. Avoid all contact with water before concrete casting.

For vertical applications above 1200mm height or where hydrocarbon ground contamination is present, contact Visqueen Technical Services +44 (0) 333 202 6800

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	Result
Dimensions	20mm x 25mm x 5m
Colour	Black
Box quantity	6
Expansion in rain water	400%
Expansion in concrete water	150%
Density	1.43 g/cm ³
Swelling pressure when encapsulated	Approx. 1.8 N/mm ²
Resistance to hydrostatic pressure	Tested up to 4 bar
Bending radius on the corners	50 mm

Health and safety information

Refer to Visqueen VX25 Waterstop 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.