Technical Datasheet

Visqueen Waterstop Adhesive, 310ml cartridge

Features & benefits

- Cartridge format - convenient and easy to apply
- No primer required - speeds up installation
- Allows for initial minor adjustment in waterstop positioning
- Suitable for both horizontal and vertical waterstop applications

Product description

Visqueen Waterstop Adhesive is a swellable, one component, off-white polyurethane adhesive supplied in 310ml cartridges.

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 Waterstop Adhesive is used to bond Visqueen IGW5 Waterstop, Visqueen IGW10 Waterstop and Visqueen VX25 Waterstop to horizontal and vertical construction joints and day-joints in poured in situ above or below ground concrete structures of at least 200mm width e.g. retaining walls.

When applied as a 10mm bead, the contents of one cartridge is sufficient to bond between 8 - 10 linear metres of Visqueen waterstop.

System components

- Visqueen IGW5 and IGW10 Waterstops

Storage and handling

Store Visqueen Waterstop Adhesive between 5°C and 25°C in a clean, dry environment in its original packaging.

In its original unopened cartridge, the adhesive has a 12 months shelf life from production date.

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

Preparation

Ensure the substrate is stable, free from contamination e.g. oil and fat, and free from loose material e.g. dust or sand. Ensure the substrate is not water logged, however a damp substrate can be tolerated.

Application to particularly rough surfaces should be avoided. Freshly placed concrete can be smoothed with a wooden batten to form a shallow rebate along which Visqueen Waterstop Adhesive can be applied.

Use in a well ventilated space away from any sources of ignition.

Visqueen Waterstop Adhesive is applied using a standard mastic skeleton gun.

Installation

Bed the Visqueen waterstop on an approximate 10mm continuous bead of Visqueen Waterstop Adhesive and press firmly into position. When applying the adhesive, adjust the size of the bead to compensate for the substrate surface finish. The bead should be sufficient to level out any minor roughness in the substrate and should extrude slightly from either side of the waterstop when the waterstop is pressed into position.

Application of the waterstop must be completed within 90 minutes of applying the adhesive.

Usable temperature range

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

Additional information

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	Value
Cartridge size	310ml
Curing system	Moisture
Skin formation	Approximately 90 minutes
Curing rate	Approximately 1.8mm per day
Coverage (10mm bead)	8 - 10 linear metres

Health and safety information

Refer to the Visqueen Waterstop Adhesive 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

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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 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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