Technical Datasheet

Visqueen FR Single Sided Vapour Tape, 50mm x 50m

Features & benefits

- Single sided tape for sealing the lap joints of a range of Visqueen air and vapour control layers (AVCLs)

Product description

Visqueen FR Single Sided Vapour Tape is a white single sided tape coated with a flame retardant acrylic adhesive and a removable release film protecting the adhesive coating. The product is available in roll format 50mm x 50m. The tape is supplied 5 per box.

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 FR Single Sided Vapour Tape is used to seal the following Visqueen Air and Vapour Control Layer (AVCL) lap joints and to seal the perimeter edges of the membrane where it abuts windows, doors, etc.
- Visqueen Vapour Check
- Visqueen Class B FR Vapour Check
- Visqueen Vapour Barrier
- Visqueen High Performance Vapour Barrier

When used with Visqueen FR Vapour Check, for conformity with the reaction to fire classification, usage of Visqueen FR Single Sided Vapour Tape must not exceed 11% of the area of the Visqueen Class B FR Vapour Check.

System components

- Visqueen FR Double Sided Vapour Tape, 20mm x 50m

Storage and handling

Store rolls horizontally in a warm, dry and clean environment in their original packaging. The tape should not be exposed to long periods of ultraviolet light. In cold weather, store in a warm location prior to use.

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

Preparation

Prior to application ensure surface of lap areas to be sealed are smooth, clean, dry and free from dust or sharp protrusions.

In cold weather, store in a warm location prior to use.

The tape can be torn by hand or cut with a sharp retractable safety knife.

Installation

Visqueen AVCLs should be installed in accordance with the recommendations of BS 5250:2021 Management of moisture in buildings - code of practice. The membrane should be installed on the warm side of the insulated structure, with care being taken to ensure that all laps, penetrations and abutments are sealed. The membrane should be continuous in order to ensure optimum airtightness and vapour control performance.

For installation of Visqueen FR Double Sided Vapour Tape see separate datasheet.

All joints in the membrane should be lapped by 75mm and sealed with Visqueen FR Single Sided Vapour Tape applied centrally over the lap. To aid formation laps should be made over a solid substrate e.g. located on studs or noggings. Roller to ensure full adhesion.

Ensure membrane continuity at the junction of horizontal and vertical substrates. Seal abutments with Visqueen FR Single Sided Vapour Tape applied centrally over the junction. Failure to suitably connect the membrane to other building elements will severely reduce airtightness and vapour control performance.

The membrane requires permanent mechanical fixing, normally achieved by over-boarding with a plasterboard or other construction board.

When used with Visqueen Class B FR Vapour Check, for conformity with the reaction to fire classification, usage of Visqueen FR Single Sided Vapour Tape must not exceed 11% of the area of the Visqueen Class B FR Vapour Check.

Usable temperature range

Heanor Gate Road, Heanor, Derbyshire, DE75 7RG
+44 (0) 333 202 6800 I enquiries@visqueen.com I www.visqueen.com

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It is recommended that Visqueen FR Single Sided Vapour Tape should be installed when temperatures are above 0°C.

In-service temperature range is -40°C to +90°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.

Property	Result
Roll dimensions	50mm x 50m
Roll quantity per box	5

Health and safety information

Refer to the Visqueen FR Single Sided Vapour Tape 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

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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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