Technical Datasheet

Visqueen 100mm Double Sided Butyl Tape, 100mm x 15m

Features & benefits

- Extra wide bonding tape - improves joint strength
- Provides lap joint resistance to water ingress and ground gases
- Part of Visqueen's BBA and BDA Agrement certificated systems - third party assessed jointing tape
- Used as a lap bonding tape across a wide range of Visqueen systems including Zedex CPT High Performance DPC

Product description

Visqueen 100mm Double Sided Butyl Tape is a double sided pressure sensitive butyl strip sealant consisting of a black butyl based adhesive compound with an oversized release paper. The tape is supplied in roll format, 100mm x 15m.

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 100mm Double Sided Butyl Tape is used to bond lap joints in the following products:
- Visqueen High Performance Urban Drainage Geomembrane
- Visqueen Polyethylene DPC
- Visqueen Pre Applied Membrane
- Visqueen Preformed Units
- Visqueen Ultimate Gas DPC
- Visqueen Ultimate GeoSeal
- Visqueen Ultimate HC Blok
- Visqueen Urban Drainage Geomembrane
- Visqueen Zedex CPT High Performance DPC
- Visqueen Zedex High Bond DPC
- Visqueen Zedex Housing Grade DPC

The tape is also used on timber frame constructions to act as a gasket where the sole plate fixings penetrate the gas membrane or gas damp proof course.

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 conditions (ambient temperatures below 5°C), it is recommended that the product is stored in a warm location prior to use.

For ease of installation during hot weather conditions (ambient temperatures above 25°C), it is recommended that the product is stored in a cool location prior to use. Elevated product temperatures may temporarily increase the adhesion between the siliconised release film and the adhesive, making the release film more difficult to remove. Allowing the product to cool before installation will minimise this effect.

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

Preparation

Prior to application ensure surfaces to be bonded are clean, dry and fully supported. Avoid areas of unsupported jointing.

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

Installation

Apply Visqueen 100mm Double Sided Butyl Tape to the lap area and remove release paper. Overlap adjoining DPCs by minimum 100mm and membranes by 150mm. Apply pressure to the jointed area e.g. using a roller, to ensure a full bond is achieved.

Where specified, seal the membrane lap edge with the appropriate Visqueen single sided tape.

When used on timber frame constructions as a gasket where sole plate fixings penetrate the gas membrane or gas damp proof course (DPC), apply the tape to the membrane/DPC surface while leaving the release film on the upper side. This prevents the sole plate from bonding to the tape during positioning.

Usable temperature range

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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
Width	100mm
Length	15m
Colour	Black
Adhesive type	Butyl compound
Dynamic shear adhesion	14 N/cm²
Dynamic tensile adhesion	18 N/cm²
180° peel adhesion	11 N/cm²
In-service temperature range	-40°C to +90°C
Installation temperature	>5°C

Health and safety information

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,

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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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