Technical Datasheet

Visqueen Axiom Guard PRO Matting

Features & benefits

- Helps to ensure correct Visqueen Axiom Guard PRO thickness - provides a visual indication when sufficient coating has been applied
- Reduces overall application time - allows wet-on-wet application eliminating any waiting between coats
- Improved performance - the multidirectional fibres provide greater resistance to stress and facilitate crack bridging
- Large format roll - allows rapid placement to large substrate areas

Product description

Visqueen Axiom Guard PRO Matting is a white fibreglass mesh supplied in 1m x 20m rolls.

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 Axiom Guard PRO Matting is a fibreglass mesh specifically designed as a structural reinforcement for Visqueen Axiom Guard PRO liquid applied membrane.

When incorporated into Axiom Guard PRO, the matting creates a reinforced monolithic membrane and helps to ensures the correct membrane thickness is achieved.

Storage and handling

Visqueen Axiom Guard PRO Matting should be stored in a dry location, under cover in its original packaging.

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

The matting can be cut with a sharp retractable safety knife or robust scissors.

Preparation

Pre-cut the matting to the correct dimensions prior to application of the Visqueen Axiom Guard PRO.

Ensure the substrate is smooth, clean and free from frost, dust, laitance or loose material. The substrate can be dry or damp but not wet. Any surface contamination e.g. oil, paint, mortar snots, fungal growth, etc must be removed. All substrate cracks or surface irregularities must be repaired and filled prior to product application.

Use of a disc roller aids detailing of the matting at changes in direction and reduces the likelihood of tenting across the directional change.

Installation

Apply a coat of Visqueen Axiom Guard PRO onto the substrate. For installation of Visqueen Axiom Guard PRO, see product technical datasheet. Without delay, embed and dry roller Visqueen Axiom Guard PRO Matting into the liquid product until the liquid is drawn through, then immediately apply a further coat of liquid product ensuring the matting is fully embedded. Avoid any pinholes in the coating or ruckles in the matting.

Visqueen Axiom Guard PRO Matting is supplied in 1m x 20m rolls. One edge of the matting has a straight cut, while the other is frayed. When overlapping the matting, position the frayed edge of the matting minimum 50mm onto the previously laid matting.

Where level changes occur, use separate strips of matting, overlapping minimum 50mm. Ensure the matting is fully embedded at all angles and changes in direction. The matting structure softens after a couple of minutes contact with Visqueen Axiom Guard PRO, making detailing easier to form.

Usable temperature range

Visqueen Axiom Guard PRO system should be installed within the following temperature range; ambient temperature and substrate temperature should be minimum 5°C and not exceeding 30°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
Roll size	1m x 20m
Roll weight (approx)	4.5kg
Approximate roll coverage (non detailing)	19m²

Health and safety information

Refer to the Visqueen Axiom Guard PRO Matting safety datasheets (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

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

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Visqueen Axiom Guard PRO Matting

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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