Technical Datasheet

Visqueen Axiom Guard PRO Topcoat

Features & benefits

- BBA certified (23/6868) - third party accreditation
- Suitable for exposed locations
- Suitable for pedestrian traffic
- Wet coating suitable to receive silica sand finish - provides anti-slip surface

Product description

Visqueen Axiom Guard PRO Topcoat is a high performance, two-component polyurethane coating with a gloss finish. The two-component coating is supplied in separate tins which are mixed together; Part A (4.3kg) and Part B (0.7kg). Visqueen Axiom Guard PRO Topcoat Part A is available in dark grey or clear as standard. Other colours are available on request. Visqueen Axiom Guard PRO Topcoat Part B is universal and does not effect the finished colour of the topcoat. Other colours are available on request.

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 Topcoat is used as a UV resistant coating for Visqueen Axiom Guard PRO liquid-applied membrane. The product is suitable for pedestrian traffic and when finished with kiln dried silica sand, it provides an anti-slip surface.

When used in conjunction with Visqueen Axiom Guard PRO Topcoat, Visqueen Axiom Guard PRO is suitable for use on surfaces that are subject to total permanent immersion in water.

Storage and handling

As from 24 August 2023 REACH restrictions require that workers handling diisocyanates complete adequate training before use. Online training courses are available at https://isopa-aisbl.idloom.events/index/safe-use-of-diisocyanates-training-selection-en

Visqueen Axiom Guard PRO Topcoat should be stored upright, in a dry well-ventilated area, under cover and in its original packaging. Store away from any sources of ignition at temperatures between 5ºC and 30ºC.

To avoid the risk of spillage, always store and transport in a secure upright position. The unopened product has a minimum shelf life of 24 months.

Use in a well ventilated space away from any sources of ignition. Keep the container closed when not in use.

Once the tins have been opened, they should be used immediately. The coating is not suitable for storing once the two components have been mixed together.

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

Preparation

The previously applied Visqueen Axion Guard PRO membrane should be cured, clean, dry and free from frost, dust, loose material or contamination.

In specifications where multiple coats of Visqueen Axiom Guard PRO Topcoat are applied, the previous layer should be cured, clean, dry and free from frost, dust, loose material or contamination.

Visqueen Axiom Guard PRO Topcoat should be applied in dry conditions only. The substrate should be dry and there should not be any risk of rainfall prior to curing.

Visqueen Axiom Guard PRO Topcoat typical coverage is 20m² per 5kg (250g/m² per coat).

The product is installed using 100mm solvent resistant short nap rollers for detailing areas and a 225mm solvent resistant short nap rollers with an extension handle for the main area. Rollers are not reusable and must be disposed appropriately after use.

The coating is obtained by mixing 100% of the two components, Part A and Part B.

Installation

Open the Visqueen Axiom Guard PRO Topcoat tins and pour Part B into Part A. Mechanically stir the contents at a slow speed for minimum two minutes to ensure that the two components are fully mixed.

Roller apply the Axiom Guard PRO Topcoat coating as a thin layer at a coverage rate of 250g/m².

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Visqueen Axiom Guard PRO Topcoat

Where a non-slip finish is required, after minimum 48 hours apply a further coat of Visqueen Axiom Guard PRO Topcoat and whilst the coating is still wet, broadcast kiln dried silica sand or other approved aggregate into the surface.

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.

Property	Value
Typical coverage (approx) - Part A and Part B mixed (5kg)	20m²
Container size - Part A	4.3kg
Container size - Part B	0.7kg
Application rate (approx)	250g/m² per coat
Tack free time at 23ºC (approx)	2 hours
Pot life of mixed coating at 23ºC	1 hour
Re-application time at 23ºC	48 hours
Walkable (pedestrian) at 23ºC	24 hours

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

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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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