Technical support: +44 (0) 333 202 6800
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Visqueen Pile Cap Sealer, 25kg

Features & benefits

- Cementitious material
- Creates a continuous watertight seal through concrete pile cap junctions

Product description

Visqueen Pile Cap Sealer is a grey cementitious compound containing portland cement, graded quartz sands, aggregates and chemical additives.

It is available in 25kg tubs.

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 Pile Cap Sealer is used to make concrete surfaces waterproof for waterproofing Grades 1, 2 and 3 in accordance to BS8102:2022. It can be used on concrete piles, pile heads, exposed pile cap rebar, ground beams or concrete junctions as a link between membranes, or it can be used as a standalone waterproofing system.

Visqueen Pile Cap Sealer is suitable in compressed load applications such as a piled cap to concrete slab junctions.

Storage and handling

Store Visqueen Pile Cap Sealer in a warm, dry and clean environment in its current packaging. The product should not be exposed to long periods of ultraviolet light or prolonged dry hot weather. In very cold weather, prior to use, ensure that the material is stored in warm conditions above 10°C e.g. an on-site drying room. Visqueen Pile Cap Sealer has a 24 month shelf-life.

Preparation

When applying to concrete, ensure that the surface is free from loose friable material and free from contamination such as dust or sand. Ensure the surface and working areas are not water logged. A slightly damp surface is ideal. Where necessary, clean surfaces by means of jet wash, grit blasting or scabbling.

Visqueen Pile Cap Sealer can be applied with a brush or trowel.

Installation

NB When mixing, the powder is added to clean water in the ratios stated below.

Mechanically mix Visqueen Pile Cap Sealer at an approximate ratio of 4 parts powder to 1 part clean water by volume by adding the powder into the water. Mix to a thick pouring consistency suitable for application by brush or trowel.

Coverage rate is 1.5kg/m². This can be achieved by applying either one coat at 1.5kg/m² or two individual coats each at 0.75 kg/m². The second coat should be applied whilst the first coat is still green.

Apply Visqueen Pile Cap Sealer to the full area of the concrete substrate/ pile cap/ pile head including minimum 100mm vertically.

Usable temperature range

it is recommended that Visqueen Pile Cap Sealer is installed above 5°C.

Additional information

The concrete floor slab must be poured over the applied Pile Cap Sealer within 5 to 7 days.

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.

Criteria	Result
Tub quantity	25 kg

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Coverage rate in 2 coats	1.5 kg/m²
2 coat thickness	2.5mm
Compressive strength (cured)	84.5N/mm² (MPa)
Waterproofing	Resists >7 bar pressure
Maximum penetration depth (depending upon substrate porosity)	25mm
Installation temperature	5 to 35°C

Health and safety information

Please refer to Visqueen Pile Cap Sealer 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

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

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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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