

Visqueen Pile Cap Sealer, 25kg

Features and benefits

- Active chemical formulation - creates a continuous waterproof seal through concrete junctions
- Excellent adhesion - penetrates to all types of concrete
- Easy to use - especially in cold weather

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 tins.

Approvals and standards

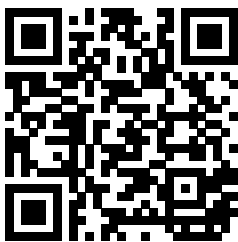
- Quality Management System ISO 9001
- Compliance with BS8102:2009 code of practice for protection of below ground structures against water from the ground

Usage

The Visqueen Pile Cap Sealer is used to make the concrete surface waterproof for waterproofing Grades 1, 2, and 3 in accordance to BS8102:2009. It can be used on concrete piles, ground beams or concrete junctions as a link between membranes, or it can be used as a standalone waterproof system. It is also used where traditional membranes are not suitable. The Visqueen Pile Cap Sealer can be applied internally and externally and is suitable in compressed load applications such as a piled cap to concrete slab junctions.

System components

Find your local stockist





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Storage and handling

Store in warm, dry and clean environment in its current packaging. The Pile Cap Sealer should not be exposed to long periods of ultraviolet light and prolonged dry hot weather. In very cold weather, prior to use ensure that the material is stored in warm conditions above 10°C i.e. an on-site drying room. In ideal conditions the Pile Cap Sealer has a 24 month self-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, but a slightly damp surface is ideal. Clean surface by means of jet wash, grit blasting or scabbling.

Installation

Please do not pour the water into the powder. The powder is added into a bucket of water at the ratios stated below.

Visqueen Pile Cap Sealer should be mixed with water at the following ratio by volume:

4 parts Visqueen Pile Cap Sealer
1 part clean water

Apply Visqueen Pile Cap Sealer to the full area of the pile cap including 100mm vertically. Mechanically mix Visqueen Pile Cap Sealer at an approximate ratio of 4:1 with clean water by volume by adding the powder into the water. Coverage rate is 1.5kg/m². This can be achieved by applying one coat or two (2 x 0.75 kg/m²). The second coat should be applied whilst the first coat is still green.

Usable temperature range

it is recommended that Visqueen Pile Cap Sealer is used above 5oC.

Additional information

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



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Criteria	Result
Tub quantity	25 kg
Coverage rate in 2 coats	1.5 kg/m ²
2 coat thickness	2.5mm
Compressive strength (cured)	84.5N/mm ² (MPa)
Waterproofing	Resists >7 bar pressure
Maximum penetration depth*	25mm
Application temperature	5 to 35°C
*depending on substrate porosity	

Health and safety information

Please refer to material safety datasheet

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About Visqueen

The Visqueen name has long been recognised as one of the leading manufacturers of high quality advanced membrane technologies and design based solutions by specifiers, distributors, builders merchants and contractors throughout the UK and Europe.

For further guidance on the Visqueen services shown below, please refer to the relevant section of the Visqueen website (www.visqueen.com) or contact Visqueen Technical Services on +44 (0) 333 202 6800 or enquiries@visqueen.com

Complete Range, Complete Solution



Structural Waterproofing



Gas Protection



Damp Proof Membrane



Tapes



Damp Proof Course



Stormwater



Vapour Control

Visqueen Technical Support

Visqueen combine an extensive product portfolio with industry leading levels of service and support which includes guidance over the phone, bespoke CAD drawings to help with complex detailing, electronic NBS specifications and access to a dedicated team of highly knowledgeable and experienced field based Technical Support Managers.

Visqueen Technical Support is available to all our customers including architects, specifiers, distributors, builders merchants, contractors and end users. All of our technical team have been awarded the industry recognised qualification Certificated Surveyor in Structural Waterproofing (CSSW).

Visqueen CPD Seminars

The Visqueen Continuing Professional Development (CPD) Seminars provide up-to-date information on changes within Building Regulations/Building Standards and nationally recognised industry guidance affecting damp proofing, water vapour control, hazardous ground gas protection and below ground structural waterproofing.

The one hour seminars have been produced for design specialists within the construction sector and are delivered by our team of Technical Support Managers.

Visqueen PI designs and special projects

From initial design to the completed project, Visqueen are with you every step of the way. Whether it be hazardous ground gas protection and/or below ground waterproofing protection employing barrier, structurally integral or drained systems, Visqueen can offer professional indemnity (PI) insurance for bespoke Visqueen design solutions.

Visqueen Technical Support Managers work with all stakeholders to provide cost effective Visqueen solutions offering complete peace of mind throughout the construction phase and beyond.

Visqueen Training Academy

Based at our manufacturing facility in Derbyshire, the Visqueen Training Academy is available to support Visqueen customers throughout the UK by providing a wide range of both theory and practical skills related training.

Courses include one day product awareness training for our distributors and builders merchants to help them in their day-to-day jobs, through to intensive three day courses giving detailed hands-on training in the practical skills required for safe and robust product installation.

