

## Visqueen Pile Cap Sealer, 25kg

### Features and 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 the concrete surface waterproof for waterproofing Grades 1, 2 and 3 in accordance to BS8102:2022. It can be used on concrete piles, exposed pile cap rebar, 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. 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

## Visqueen Pile Cap Sealer, 25kg

### 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.

### 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 minimum 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/m<sup>2</sup>. This can be achieved by applying either one coat or two (2 x 0.75 kg/m<sup>2</sup>). 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 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.



## Visqueen Pile Cap Sealer, 25kg

Criteria	Result
Tub quantity	25 kg
Coverage rate in 2 coats	1.5 kg/m <sup>2</sup>
2 coat thickness	2.5mm
Compressive strength (cured)	84.5N/mm <sup>2</sup> (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).

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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](http://www.visqueen.com)) or contact Visqueen Technical Services on +44 (0) 333 202 6800 or [enquiries@visqueen.com](mailto: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 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 two day courses giving detailed hands-on training in the practical skills required for safe and robust product installation.