

Cement Waterproofing Compound Datasheet

November 2017

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A water repellent powder for adding to cement to overcome capillary absorption of moisture into cement mortar, cement plaster and concrete.

Technical Data

Type	Fine powder blend of chemicals
Colour	Off white
Density	0.9kg/litre
Safety	See MSDS

Purpose

For preventing loss of water from water containing structures. For reducing moisture movement, crazing, efflorescence and moisture penetration. For reducing rising damp in brickwork when used in the mortar.

Benefits

- Easy to use
- Economical
- Water tight but vapour permeable
- Chloride free
- Convenient powder form
- Improved workability without increased water
- Increased compressive strength at earlier stages of hydration compared to mortar without **Cement Waterproofing Compound**

Limitations

The quality and waterproofness of the cement mortar mixes may be affected by one or more of the following:

- Poor quality sand
- Poorly graded sand
- Poor dispersion into cement base
- Excessive dust or clay in the sand
- Excess water vs excess cement
- Lack of adequate curing

We recommend you consult with your nearest Cement and Concrete Institute office who will provide you with the correct information regarding sand types and grading.

Applications

Suitable for reducing permeability in concrete tanks, reservoirs, sewerage works, cellars, basement, walls and floors, garage pits walls and precast stone.

Specifying

Cemcrete's **Cement Waterproofing Compound** to be added to concrete, plaster or mortar at the rate of 2% by weight of the cement used in the mixture. Mixing to be thorough and manufacturer's instructions are to be adhered to.

Cemcrete provides a comprehensive technical service based on over 4 decades of experience in the field of surface applications and cement technology. Cemcrete believes, to the best of its knowledge, that the information contained herein is true and accurate at the date of issuance and is subject to change without prior notice. For further clarification of these instructions, contact Cemcrete.

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Site Work

Storage

Keep bags off the floor in unopened/sealed packaging in a dry cool place away from direct sunlight. Expected shelf life under dry conditions is 12 months from date of invoice.

Mixing

Mix thoroughly with cement before adding water and other ingredients. If machine mixing is employed keep mixing time to a minimum to avoid excessive air entrainment and consequent strength reduction.

Curing

In hot dry conditions cure completed work by damping down with water or protecting with wet sacks or plastic sheeting.

Safety

Avoid contact with eyes and skin.

Usage rate

1kg of Cemcrete's **Cement Waterproofing Compound** will be necessary for every 50kg bag of Portland cement used. (2% by weight of cement).

Packaging

Supplied in 1kg boxes & 25kg bags.

Manufacturer's Warranty

Cemcrete warrants that the products manufactured by it shall be free from material defects and will be consistent with its normal high quality. Should any of the products be proven defective, the liability to Cemcrete shall be limited to replacement of the product ex-factory. Cemcrete makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. The user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith.

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