



ALFACOAT CC

Crystalline, penetrative capillary waterproofing coating

DESCRIPTION

ALFACOAT CC is a ready to use cement based powder capillary waterproofing system for concrete and mortar to prevent water infiltration or seepage of water in the area of low pressure of concrete structure or any cementitious substrate.

This crystalline growth reduces concrete porosity by blocking capillaries and filling hairline cracks caused by shrinkage or expansion. Like membrane types of waterproofing which only provide a surface barrier, ALFACOAT CC continues to produce crystals in the presence of water therefore providing long lasting impermeability.

USES

ALFACOAT CC is an economical cementitious system designed for waterproofing concrete against low (Less than 1 bar) positive or negative hydrostatic water pressure in a wide variety of structures such as:

- ◆ Basements
- ◆ Reservoirs
- ◆ Sewage water and effluent treatment plant
- ◆ Tunnel and underground subways
- ◆ Foundations
- ◆ Swimming pools
- ◆ Underground parking structures
- ◆ Water tanks

ADVANTAGES

- ◆ Penetrates concrete, seals capillary tracts and hairline cracks
- ◆ Contains no chlorides
- ◆ Easy to apply, cost effective in use
- ◆ Can be applied to new or old concrete in both interior and exterior locations
- ◆ Suitable for above or below ground structures
- ◆ Surface damage will not affect the system

TECHNICAL SUPPORT

Al Falah Chemicals provides a technical advisory service for on-site assistance and advice on mix design, product selection, evaluation trials and dispensing equipment.

TECHNICAL DATA

Form	Powder
Appearance / Colour	Cement grey
Packaging	20 kg bags

STORAGE

Storage Conditions	12 months from date of production if stored properly in undamaged and unopened original sealed packaging in dry and cool conditions
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COVERAGE

Actual coverage rates will depend upon the profile porosity of the substrate.

Add powder to given amount of water and stir with low speed mixer for 5 minutes until a lump free smooth brushable consistency is achieved.

Brush	1-1.5 kg/m ² per application
Dry Shake	1.2 - 1.3 kg/m ² per application
Concrete	0.25 - 0.75 kg/bag of cement

PACKAGING

Supplied in:	20 kg bag
Storage	Dry, frost free, out of direct sunlight
Shelf life:	12 months, when stores as above
Hazard class	No dangerous goods. Observe Material Safety Datasheet

CLEANING

ALFACOAT CC should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

STORAGE / SHELF LIFE

This Product must be stored where temperatures do not drop below +5°C, If product has frozen, thaw at +5°C or above and completely reconstitute using mild mechanical agitation. Do not use pressurized air for agitation. Store under cover, out of direct sunlight and protect from extremes of temperature.

Shelf life is 12 months when stored as above.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage consult your local Alfalah representative.

PRECAUTIONS

Health and Safety

This product does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes.

Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

For further information consult the Material Safety Data Sheet available for this product.

FIRE

This product is water based and non-flammable

STATEMENT OF RESPONSIBILITY (Disclaimer)

The technical information and application advice given in this Alfalah Chemicals publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Alfalah Chemicals either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Alfalah Chemicals, are responsible for carrying out procedures appropriate to a specific application.

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Certified member of:



American Concrete Institute