

Fosroc® Proofex Anti-Lime Coating



constructive solutions

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Description

Proofex Anti-Lime Coating is a water based blend of high performance silicates and wetting agents. When applied to concrete surfaces, a reaction with free lime occurs to provide an effective seal, reducing subsequent leaching of lime into Proofex Cavitydrain installations.

Advantages

- Reduces leaching of free lime from concrete substrates
- Seals the concrete surface
- Provides improved abrasion resistance
- Treated surfaces have improved acid resistance
- Water based
- Typically a single coat application

Properties

| | |
|--------------------------|--------------------------------|
| Appearance: | Opaque liquid |
| Coverage: | 2 – 4m ² / kg |
| Solids: | 8% to 10% |
| Solubility in Water: | Complete |
| Flash Point: | Not Applicable |
| Shelf Life: | 12 months |
| Drying Time (20°C): | 1 hour initial 4 hour final |
| Application Temperature: | 5°C - 35°C |

Clarification of property values: The typical properties given above are derived from laboratory testing. Results derived from field applied samples may vary.

Application Guidelines

New concrete must be allowed to cure for 14 days prior to treatment. Surfaces to be treated with Proofex Anti-Lime Coating must be structurally sound and free from loose materials. Oil and grease contamination should be treated with a suitable chemical de-greaser and washed with clean water and allowed to dry. Any laitance or existing coating must be removed prior to application as these will prevent penetration.

Apply Proofex Anti-Lime Coating at a rate of 2-4 square metres / kg using a brush or spray unit. Allow 2-3 hours for

the product to dry. After this period, check for any “puddling” of the product on the concrete surface. If “puddling” has occurred, apply water to the affected and sweep the Proofex Anti-Lime Coating with a broom to allow further penetration in to the treated substrate.

NOTE: Porous concrete may require subsequent applications; a trial should be conducted to assess the number of applications applied.

After Proofex Anti-Lime Coating has dried, the surface may appear patchy, the appearance should improve after a period of months as the Proofex Anti-Lime Coating continues to react and release any trapped water.

Limitations

Do not apply Proofex Anti-Lime Coating in the following cases;

- To seal lightweight or other extremely porous masonry that contains voids and air pockets. In such circumstances, the use of Nitocote CM210 is recommended instead.
- At temperatures of 5°C and falling.
- To areas previously treated with curing or sealing agents unless these coatings have been removed prior to treatment
- Do not allow Proofex Anti-Lime Coating to contact painted surfaces, glass or aluminum, as damage or pitting may occur. In case of contact, flush with copious amounts of water.
- Not recommended where an aesthetic finish is important, e.g. coloured concrete.

Packaging

Proofex Anti-Lime Coating 25kg drum

Storage

Proofex Anti-Lime Coating has a shelf life of 12 months provided it is stored in unopened containers in cool dry warehouse conditions, out of direct sunlight.

Health & Safety

See Proofex Anti-Lime Coating Safety Data Sheet.

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Important note

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