

CHRYSO® STRUCO EXCEL

Normal Setting Integral Waterproofing Compound For Cement Mortar & Concrete In Liquid Form.



Description

CHRYSO® STRUCO EXCEL is a heavy duty damp proofing (**water repellency**) admixture for concrete, mortars and any type of cementitious renders. The presence of this integral compound resists and reverses the normal tendency of hardened concrete to absorb water by capillary action and makes the concrete totally sealed against penetration of water (or liquids).

CHRYSO STRUCO EXCEL conforms to IS: 2645-2003.

Indicative Characteristics

| | |
|---|------------------------|
| Form | Liquid |
| Colour | Brown |
| Specific Gravity at 27°C | 1.05 ± 0.02 |
| Setting Time | No Change |
| Permeability to Water | < 50% of Reference Mix |
| Compressive Strength, 3d, 7d | >90% of Reference Mix |
| Chloride content, % w/w, as per BS 5075, Part I | Nil |
| Toxicity | Non - Toxic |

Domains of Application

- In rendering / plastering work on all brick walls in Residential and Industrial Structures.
- In silos, basement structures and for damp-proof course in residential buildings.
- For repair / maintenance work of existing damp wall, saltpetre in brick work.
- As an integral damp proofing /waterproofing compound in concrete for roof, slab etc.
- In marine structures and sea-facing buildings.

Method of Application

STRUCO EXCEL is supplied ready for use.

For maximum dispersion throughout the mix, recommended quantity of STRUCO EXCEL should be added into the mixer at the same time as the mixing water.

On no account should it be added to the dry cement.

Dosage

200g per 50kg bag of cement.

Advantages

- Ensure complete water repellent concrete.
- Eliminates / Reduces dampness from the plastered surface of the brick work.
- Protects concrete from weak acid / salt solution, oil and hydrocarbons.
- Prevents / Reduces sweating, efflorescence, saltpetre action.
- Resists fungal growth on the plastered surface of the brick.

Shelf Life & Storage

12 months from the date of manufacturing when stored in un-opened, original sealed and dry condition at a temperature range from +5°C to 40°C

Packing

1 kg, 5 kg, 20 kg and 200 kg container

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website www.chryso.com

CHRYSO India Private Limited | Registered & Corporate Office : Plot No. D -30/7, TTC Industrial Area, M.I.D.C. Turbhe, Navi Mumbai – 400705. Maharashtra, INDIA. Tel : +91 22 27685991/2



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Precautions

Do not add any water when the mortar or concrete gets dry due to delayed use. Any extra water added to the mix, will jeopardize all efforts of waterproofing.

Safety

- Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- In case eyes or mouth are affected wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet.
The MSDS is available on www.chryso.com

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