

USES

- Protekta Salt Retarder should be used during the rendering of walls to waterproofing/saltproof sand/cement render.
- After the installation of a damp course to prevent residual salt and water migration.
- Protekta Salt Retarder may be used as admixture for water resistant sand/cement mortar.

PROPERTIES

- Reduces water absorption.
- Improves the workability of the render mix
- Makes decorative top finishes easier to apply and gives a more uniform finish to the rendered surface.
- Reduces salt (efflorescence).
- Non-hazardous solvents emitted during use
- Non-flammable and non-corrosive

DESCRIPTION

Protekta Salt Retarder is a water-based admixture, which inhibits the permeation of salts, and water when added to sand/cement renders.

Protekta Salt Retarder is a multipurpose (3 in 1) admixture, which water-proofs, salt-proofs and plasticising sand/cement render. Using Protekta Salt Retarder into sand/cement render eliminates the need for separate plasticisers and water proofers.

TECHNICAL PROPERTIES

- Appearance : Yellowish/Brown liquid
- Specific gravity : c.a 1
- pH value : 8-9
- Solubility in water : Miscible
- Slump:
 - By cone method 0hr: 230mm
 - By inverted cone method 0hr: 300mm

HOW TO USE SALT RETARDER

1. Dosage rate : 0.5 ltrs of Protekta Salt Retarder per 40 kg of cement is recommended for general sand/cement render or mortar mix. As cement or concrete materials vary, dosage rate may change depending on job specification. The applicator should carry out trials to determine the proper dosage rate for their particular application.

IMPORTANT NOTE

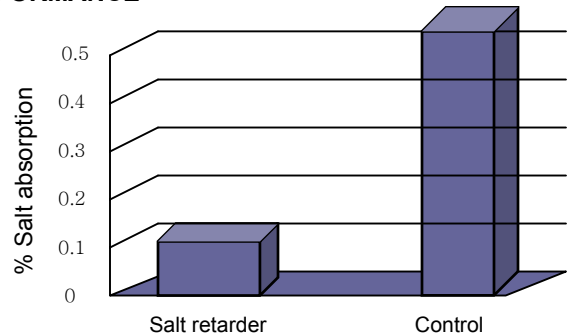
Protekta products are non-hazardous when properly handled, stored and applied. When handling suitable protective clothing should be worn. The materials should not be ingested, inhaled or make skin contact. MSDS are available.

WARRANTY:

The information given in this data sheet is based on many years of experience and is correct to the best of our knowledge and should be used only as a guide. Tech Dry (India) Pvt Ltd reserves the right to alter certain product parameters within the spectrum of properties in order to keep abreast of technical advances. The information in this document is based on the present state of our knowledge and is applicable to the product. Tech Dry (India) Pvt Ltd is responsible for the quality of the product at the time of despatch but is not responsible for its quality after subsequent storage, handling and application. Neither Tech Dry (India) Pvt Ltd nor its associated companies shall be held liable for any damage resulting from the handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

2. Mortar composition: For maximum effectiveness the cement to sand ratio should be 1:3. Other cement to sand ratio may be used. However, performance of Protekta Salt Retarder will be affected and other properties of cement render may be affected. Therefore a trial must be conducted to determine the best outcome.
Lime, plasticiser or other admixture is not recommended. Apart from providing water repellent effect, Protekta Salt Retarder also improves workability of the cement/sand render mix. Therefore, it is not necessary to use other admixtures.
3. Addition: Protekta Salt Retarder is designed to be added as part of the gauging water. If a typical mix normally contains 40 kg of cement and 120 kg of sand the procedure is as follows:
 - a. Thoroughly mix the dry ingredients.
 - b. Measure out 0.5 ltr of Protekta Salt Retarder and dissolve in 20 ltrs of clean water.
 - c. Blend thoroughly while adding the above solution. Add clean water if required to attain the desired consistency.

PERFORMANCE



SHELF LIFE: 6 months in a closed uncontaminated container and should be used before the use-by-date printed on the container. However if the product is passed its used-by-date it is not necessarily unusable. A quality control should be performed on the properties relevant to the application or otherwise contact the manufacturer for further advice

STORAGE: To be stored in closed containers in a cool place and prevent from extremes of heat

HEALTH & SAFETY: Non-Hazardous, Non-toxic, Non-flammable

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