

REC NEUTRALISER HFS 10

SOLUTION FOR TREATING STRUCTURALLY DAMAGING SALTS

DESCRIPTION

REC NEUTRALISER HFS 10 is a solvent-free, colorless liquid solution used for treating structurally damaging salts in masonry and Plaster. It is a one-component system based on an aqueous hexafluoro silicate solution and is designed to neutralize mineral substrates prior to restoration and plastering works. The product effectively reduces salt-related damage by converting harmful salts into insoluble or sparingly soluble compounds.

PRIMARY APPLICATIONS

- To convert structurally damaging salts
- For neutralizing substrates

FEATURES/BENEFITS

- Concentrated
- Solvent free
- Prevents premature exposure to salt in fresh restoration plasters
- Converts chlorides and sulphates into water insoluble or sparingly soluble compounds

TECHNICAL INFORMATION

Base Material	Aqueous hexafluoro silicate solution
Product Components	Single component system
Consistency	Liquid
Density Ready-to-Use Product (ISO 1183-1)	Approx. 1 kg/dm ³
Water Addition / Mixing	Dilute 1:1 with water
Consumption	Approx. 0.20–0.80 L/m ²
Substrate / Application Temperature	Approx. 5–40 °C
Overcoat After	After 24 hours

DIRECTIONS FOR USE

Requirement for substrate

1. Load-bearing
2. Free of adhesion inhibiting substances

PREPARING THE DETAILS

Scrape out crumbly masonry joints approx. 2 cm deep and clean the surfaces mechanically.

PREPARING THE SURFACE

Remove old, damaged plasters, paints or coatings from the substrate up to 80 cm above the visible damaged area or the area delimited through inspections.

APPLICATION

Apply a thick coat to the exposed masonry work in 2 application steps (depending on the salt load and absorbency of the substrate). In case of high salt contamination and highly absorbent substrate, treat the masonry twice. Firstly, **REC NEUTRALISER HFS 10** diluted 1:2 with water. Then treat the masonry with the prepared solution and leave for 6-8 hours. Afterwards, **REC NEUTRALISER HFS 10** diluted 1:1 with water and repeat the whole procedure. Dry sweep the surfaces approx. 24 hours after the last treatment.

CLEANING TOOLS

Clean tools thoroughly with water after use.

PACKAGING

REC NEUTRALISER HFS 10 can be supplied in pails, drums and tanks depend on the request of Clients.

STORAGE

Store **REC NEUTRALISER HFS 10** in its original, unopened packaging in a cool, dry place away from moisture. Avoid direct sunlight and keep bags elevated off the ground. Under proper storage conditions, the shelf life is up to 12 months. Once opened, use the product as soon as possible to avoid moisture absorption.

HEALTH & SAFETY

As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

QUALITY STATEMENT

All our products are manufactured to comply with our internal quality management system to ensure consistency and quality.

DISCLAIMER

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RECKON CHEMICALS PRIVATE LIMITED
21 CCA, BLOCK B, KHAYABAN-E-AMIN, LAHORE
Tell: +92-42-35452620, +92-42-35230419
Web: www.reckonchemicals.com
Email: Info@reckonchemicals.com

