



Product Data Sheet

K-HYDROPHOB 180 DRY

Product Description

Highly effective powder water repellent based on modified silicon –silane chemistry.

Introduction

K- HYDROPHOB 180 DRY is a free-flowing powder designed for cementitious dry- mix powder.

K- HYDROPHOB 180 DRY is easy to mix in powdered composition, it will increase water repellency & dispersion with no post-treatment required. It can provide excellent resistance to water absorption throughout the material. It improves efflorescence control.

K- HYDROPHOB 180 DRY may be used in a variety of cementitious dry mix applications where the application of conventional liquid water repellents is not feasible or desired, like concrete, stucco, plaster, grout, and mortar.

Chemical & Physical Properties

Appearance	Free flow pale White powder
pH (5% in water)	6.5 - 7.5

Features & benefits

- **Capillary treatment, to maintain breathability.**
- **Good penetration and durability.**
- **Water thinnable, environmentally compatible.**
- **Resistant to aggressive air borne pollutants.**
- **Highly permeable to CO₂.**
- **Highly permeable to water vapor.**
- **Not a, breeding ground for fungi, algae and mosses.**
- **Highly resistant to alkalis and salt water.**
- **Protection not affected by weathering or UV light.**
- **Ability to apply on old and new surfaces.**
- **No solvent required for dilution.**
- **Maintain paint ability.**
- **Excellent working bath ability.**



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Applications & Dosage

K- HYDROPHOB 180 DRY is added to the dry ingredients and mixed until a homogenous formulation is obtained.

- **Portland & white cement manufacturing**
- **Floor Oxide colour**
- **Dry mortar**
- **Tile adhesive**
- **Cement paints & wall putty**
- **Water proofing compound**
- **Cementitious other products**
- **Systems bound with gypsum or cement**
- **Joint fillers**

The dosage may vary from 0.1~2.5% (referred to dry material) depending on the application and desired performance.

The required dosage should therefore be evaluated in suitable tests prior to the final application.

Packing

K- HYDROPHOB 180 DRY is supplied in 10 Kg bag.

In the unopened original container K- HYDROPHOB 180 DRY has a shelf life of at least 24 months

Storage, safety & handling

K- HYDROPHOB 180 DRY should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 2 years from the date of manufacture. K- HYDROPHOB 180 DRY should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

The technical information and specifications contained in this data sheet are based on careful investigations and given to the best of our knowledge. Nevertheless circumstances under which the product is used in practice are subject to many variations.

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