



# Product Data Sheet

## K-HYDROPHOB 108 DRY

### Product Description

**Highly effective powder water repellent based on modified silicon chemistry.**

### Introduction

**K- HYDROPHOB 108 DRY is a free-flowing powder designed for cementitious dry- mix powder.**

**K- HYDROPHOB 108 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 108 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

<b>Appearance</b>	<b>Free flow pale White powder</b>
<b>pH (5% in water)</b>	<b>11.5 - 13</b>

### Features & benefits

- **Good water repellency to masonry substrates.**
- **Vapour permeable to resist cracking, peeling and blistering**
- **Resistant to chemical and biological degradation**
- **Penetration and provides good heading for improved aesthetics problem such as efflorescence.**
- **Improves adhesion of paints to mineral substances.**
- **Water based and environmentally compatible**
- **Easy to dispersing water & easy to mix in powder composition**
- **Prevent liquid water transport through cured cementitious material by capillary actions.**

### Applications & Doses



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K- HYDROPHOB 108 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 0.2~3.0% (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 108 DRY is supplied in 15Kg bag.  
In the unopened original container K- HYDROPHOB 108 DRY has a shelf life of at least 12 months

### Storage, safety & handling

K- HYDROPHOB 108 DRY should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 1 years from the date of manufacture. K- HYDROPHOB 108 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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