

Product Description

Silicone Hydrophobic Agent

Is a new type of rigid waterproof material for building with good permeability and crystallinity. Crosslinking reaction happens between Si-Oh in the molecular structure and Si-OH in silicate materials under the condition of moisture. So called "anti-capillary effect" occurs to form an excellent waterproof layer. At the same time, it will have the effect of microdilancy and increasing the compactness.

Specifications

Appearance	white powder, free-flowing
Silicone content	≥55%
Bulk density	500-600g/l
pH value	7
Moisture content	≤2%

Application Range

It is used in a variety of waterproof cement based dry mix mortars applications as follows:

- Tile grouts mortar
- Plasters mortar
- Anti-cracking mortar
- Waterproof mortar
- Sealing slurries
- Decorative render and plaster for wall

Dosage Guide

Reference formula for cement mortar:

Cement	1000g
Silica sand	2000g
S500	5-10g

Key Properties

Except excellent water repellence, it also provides the following benefits:

- Long-lasting efficiency
- Good workability
- Increase adhesion/flexural strength
- Improve alkali resistance-
- Improve abrasion resistance
- Compatibility with other additives

Packaging and Storage

- A. Standard Packing: In 20kg bags out HDPE bags inner with LDPE bags
- B. Big Bag or other special packages are possible on request.

Store it in a cool, dry place below 30°C and protected against humidity and pressing
Vality: 1 years

Safety Notes

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it. We reserve the right to alter our product and without informing in advance.

Company Information

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