



Water repellent XZ-1011

Technical Data sheet

Product Description

Water repellent XZ-1011 is highly efficient, silane-siloxane based powdery Water repellent, which composed silicon active ingredients enclosed by protective colloid.

It's easily re-dispersible in water and free of any solvent, plasticizer and film-forming agents.

Specifications

Appearance	white powder, free-flowing
Silicone content	$\geq 50\%$
Silicon dioxide carrier	$\leq 50\%$
Bulk density	500-600g/l
pH value	7
Moisture content	$\leq 2\%$

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

Key properties

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

- Long-lasting efficiency
- Good workability
- Increase adhesion/flexural strength

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- Improve alkali resistance-
- Improve abrasion resistance
- Compatibility with other additives

Dosage and Handling

It is added to other powdery components to get the mixed homogenous formulation. The dosage should be 0.3%-1% of the total dry mixture by weight. The final required dosage should be evaluated in suitable tests prior to the actual application.

Packaging and Storage

- A. Standard Packing: In 20kg or 25kg paper bags inner with PE 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, since the goods is thermoplastic, storage time should not exceed six months.

Transport

Handle with care to avoid breakage when moving. Keep from moisture when transporting. This product is non-toxic, non-irritating, no-combustible.

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.