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Fast WP 1000

Waterproofing admixture

PRODUCT DESCRIPTION

FAST WP 1000 is a normal setting liquid waterproofing admixture for mortar and concrete.

USES

FAST WP 1000 is used for waterproofing of mortars and concrete, in particular for:

- Renders, masonry mortars and screeds
- Reinforced and unreinforced concrete
- Brick, concrete and stone substrates
- Indoor and outdoor applications, such as basements, swimming pools, tunnels, water tanks, manholes, culverts
- Usage in tropical and hot climate conditions

CHARACTERISTICS

FAST WP 1000 blocks the capillaries and pores in the applied cementitious system to provide an effective water barrier against the transmission of liquid water. The benefits of FAST WP 1000 include, but are not limited to the following:

- Increased impermeability of mortar/concrete
- Ready to use
- Easily dispersed
- Chloride-free

APPLICATION INSTRUCTIONS

MIXING:

FAST WP 1000 must be stirred slowly before use to ensure a homogeneous, lump free consistency. FAST WP 1000 shall be diluted in the gauging water. The dilution must be stirred slowly (to ensure a homogeneous, lump free consistency) prior addition into the mortar/concrete mixer. FAST WP 1000 can also be added neat to the mortar/concrete mix provided that the mixture is properly mixed to achieve a homogeneous consistency.

APPLICATION INFORMATION

Recommended Dosage:

Add one part of FAST WP 1000 to 10 parts of water, which is equivalent to approximately 3 % of cement content. When using very wet sand, the ratio must be increased to 1:8 or in extreme cases 1:6.

Note: Trial mixes should always be conducted to establish the exact dosage rates and water requirements per mix.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

PRODUCT INFORMATION

Appearance / Colour:

Yellow liquid

Shelf Life:

12 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging.

Storage Conditions:

Storage at temperatures between 5 °C and 30 °C. Protect from direct sunlight, frost and contamination.

Density:

~1.0 g/cm³

Total Chloride Ion Content:

≤ 0.1 %

APPLICATION METHOD / TOOLS

The standard rules of good concreting practice (concerning production, placing and curing) are to be followed. Refer to relevant standards. FAST WP 1000 may be combined with many other FAST Chem products.

Note: Preliminary testing is required to prove the compatibility. Please contact Sika technical service for more information and advice.