



CORSTRUCT-WP2000

Acrylic emulsion waterproofer for Concrete Structures

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Description

Corstruct-WP2000 is an Acrylic resin that can be added to every type of cement and lime mortar to significantly improve their waterproofing properties.

- **As waterproofing additive:** it increases adhesion, watertightness and flexibility. It also increases concrete durability, it prevents hydrolysis.
- **As primer:** it stabilizes loose mineral surfaces and lightweight floor screeds (filling materials). It creates ideal sub strates for installing decorative bricks, stones, and ceramic tiles, insulating materials etc.

Applications

- **Waterproof Concrete structures**
sea walls, elevator pits, tunnels, basements, structural and precast concrete in exposed superstructures.
- **High strength Waterproof plastering**
Irreplaceable for scratch coat plasters because it increases adhesion, especially on surfaces lined with expanded or extruded polystyrene boards. It prevents base coat plaster bursting, by increasing its cohesion. It reinforces and seals top coat plasters. It prevents hair line cracks from forming, due to natural or mechanical vibrations from excavation equipment working on adjacent areas.
- **Cement screed**
It increases their mechanical strengths, especially when applying thin coats
- **Ready mixed cement mortar**
Waterproofing and brushable mortars, grouting and roof coving mortars, as well as an additive for tile, marble, glassblock, mortars and adhesives.
- **Bonding coat**
Between old and new concrete or mortar, at a mixing ratio of cement: sand= 1:1, water: WP 2000=1:1. Apply the new coat while the bonding coat is still fresh.

Surface Preparation

Surfaces have to be slightly soaked, cleaned, free of loose materials, dust, paints and formwork oils, always depending on the application.

Application

Before use, shake the container well. Empty it in a container with clean water and stir lightly with a wood paddle to homogenize. As an additive, pour it into the cement mixer directly along with the mixing water, at a ratio of WP 2000 : water= 1:2 up to 1:5, always depending on the requirements of the application.

Important note

Add 20lt of WP 2000 into a barrel with 60 or 100lt of clean water, to ensure consistent amount of WP 2000 into the cement mixer during mortar or plaster preparation. The addition of VINKOBOND WP 2000 to the mixing water at a ratio of 1:1 up to 1:5 is determined by the specified improvement necessity of each particular project

Consumption

Depending on the application . From 1:1 up to 1:5 product to water ratio.

Technical Data

Appearance-form	White liquid emulsion
Density	1.00±0.05 kg/lt
Toxic	No
Application temperature	From +5°C to +35°C

Packaging

20ltr, 200ltr drums, 1,000lt tank (special order)

Storage

Store in places protected from sun and frost, for at least 15 months from production date.

Safety

The product needs no hazard labeling under current European and National legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek immediate medical advice and show the container or label.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instructions for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

