

Cro Bond 601

Technical Data Sheet | Product ID 601

Multi-purpose PVA bonding agent and admixture for cement-based mortars.

Description

Cro Bond 601 is a multipurpose admixture specially formulated to be used with cement-based mortars to improve adhesion to most construction materials such as concrete, bricks and blocks.

Composition

Cro Bond 601 is manufactured from polyvinyl acetate (PVA) polymer.

Uses

Cro Bond 601 can be used as an admixture for the following applications:

Cement-based spatter dash mortars

Floor screeds

Bonding new screeds, plaster and rendering mortars.

Advantages

Improves abrasion resistance.

Excellent adhesion to cement-based substrates.

Reduces shrinkage.

Surface Preparation

Surfaces should be clean and free from any loose particles, dust, oil, grease, curing agents, or paint.

Remove all recess and loose materials using suitable tools.

For floor screeds, prepare the surface mechanically. Pre-wet the prepared surface before application without leaving excess water.

Technical Data

Property	Value or conditions
Color	White
Diluents/ Thinner	Water
pH	4-6
Specific Gravity	Approx. 1.0
Packing	Available in 1, 5 and 20 and 125 liter
Mix Proportion	Mixing according to use

DISCLAIMER: While the company guarantees its products against defective materials, our recommendations are based on extensive research as well as practical experience. Results cannot be guaranteed where the actual application work is beyond our control. Customers must carry out their own investigations and test the suitability of our materials for their intended purposes. Kindly note that this data sheet supersedes any previous prints. For any additional information, please consult our technical marketing department.

Property	Value or conditions
Coverage	5-7 m ² /liter (bonding slurry application). 50-100 liter/m ³ (floor screed application). (Coverage rate may vary depending on surface condition).

Coverage is approximate and varies with substrate condition, application thickness and site conditions.

Application Procedures

Spatter Dash

Mix 400 - 450 kg of Portland cement to 1 m³ of sharp sand.

Add Cro Bond 601 diluted with water at a ratio of 1:1 to 1:4 to the ready-mixed mortar and mix well to get slurry consistency.

Apply the spatter dash mortar to the prepared surface either using manual spraying machine or by conventional hand application.

Bonding Slurry

Mix approximately 1 part of Cro Bond 601 with 1 part of water and 2-3 parts of cement to a lump-free slurry consistency.

Apply the mix to the prepared surface using a stiff brush without leaving any pinholes on the substrate.

The following mortar layer must be applied while the slurry coat is still wet.

Floor Screeds

Cro Bond 601 when used in floor screeds will help to get thin floor screeds 10–20 mm thickness. A bonding slurry coat should be applied as above.

The recommended mix to be used as floor screed is 50 kg of Portland cement with 150 kg of sharp sand and 5 - 10 liters of Cro Bond 601. Keep the quantity of water to be added to the minimum to get a semi dry consistency.

Spread the mixture on the prepared surface while the bonding slurry coat is still tacky and press on it well.

Trowel the surface to a smooth finish using steel trowel.

Cover the surface with polyethylene sheet to cure and allow to dry for 7 days before opening for traffic.

Storage

Shelf life is 12 months from the manufacturing date when stored in a dry, covered area.

Health and Safety

While using the product, wear gloves and goggles. Wash skin or eye splashes with clean water. Seek medical advice if irritation persists.