

Fresh Concrete Primer



Alkali Resisting Primer – Water-based (White Color)

Fresh Concrete Primer is a primer for coating new plaster surfaces, made from a special type of acrylic. It is highly resistant to alkalinity from plaster, fiber cement, or concrete surfaces, and enhances adhesion to the surface. It effectively resists mold in the paint film, prevents topcoat discoloration, and inhibits the formation of salt stains or premature deterioration. Suitable for priming all types of new plaster surfaces, concrete, brick, flat tiles, and well-maintained old plaster surfaces. The surface should be dust-free, mercury-free, and lead-free. It has a mild odor and can be used both outdoors and indoors.

Product Features

- Excellent alkali resistance and anti-efflorescence, reducing color fading.
- Can be used for both interior and exterior.
- Reduce the high absorbency of the substrate and enhance the adhesion of the topcoat.
- Excellent adhesion to the surfaces, ensuring a strong bond and high washability, allowing for cleaning up to 15,000 times
- The white film matt texture assists in surface coverage, making the process of rolling the film easier and finishing the job quickly.
- This product offers a low odor, and low VOCs, making it safe for users and environmentally friendly.
- Prevents mold and algae.



Application Instruction

Substrate Preparation

- After applying the plaster, it is advisable to let the wall thoroughly dry for at least 30 days. The surface should be strong, dry, and free from any oil, dust, or other contaminants."
- If the substrate has mold and mildew, the surface needs to be cleaned by brush or high-pressure water jet and let the substrate dry before applying Crocodile M-Kill over the surface and leave it dry before applying Fresh Concrete Primer.
- If any crack on the wall with a width of less than 0.3 mm, cover the gap with Crocodile Wall Putty. But apply Crocodile Acrylic Seal Plus if the crack width is higher than 0.3 mm. and sand to get a smooth surface before applying Fresh Concrete Primer.

Application

Dilute with water at a ratio of 5-10%.

- Apply the product evenly on the surface using a brush, roller, or spray machine for 1 round.
- Allow the paint to dry for 3 hours before applying a topcoat paint.

Estimated Coverage:

- 10 sq. m./liter (depending on surface porosity, profile, and application method.)

* Theoretical coverage may differ from actual usage, not exceeding 20%.

Technical Information

Test Method	Standard	Evaluation
Composition		Acrylic emulsion primer
Finish		Matt
Color		White
Volume Solid	ISO 3233	Approx. 30%
Density at 25°C	ISO 2811-1	1.43 g/cm ³
pH at 25°C	ISO 19396-1	8-9
Viscosity at 25°C	ASTM D562-10	Approx. 100 KU
Flash Point		Non-flammable
Water vapor permeability (SD (m))	TS EN ISO 7783 - 2	0.15
Touch Dry (25-30°C)		At least 30 minutes
Recoat Dry (25-30°C)		2-3 hours
Hard Dry (25-30°C)		At least 7 days
Wet Film Thickness		100 -110 µm
Dry Film Thickness		30 -40 µm

*The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything only the quality of the product itself. We reserve the right to change the given data without notice.



Recommendation

- Fresh Concrete Primer should be used under appropriate conditions.
- Recommended for use on substrates with pH <13 and humidity <10%.
- The product should not be used on wet surfaces and high humidity.
- Apply with good ventilation. Do not inhale the product.

Cautions

- It is recommended to wear safety equipment, such as gloves, dust masks, safety glasses or other safety equipment.
- In the event of eye contact, rinse your eyes with clean water several times immediately and seek medical advice promptly.
- If it touches or comes into contact with skin, wash thoroughly with water and soap.
- Keep out of reach of children.

Handling & Storage

- Store products in a dry, good air ventilated, and cool place under shade.
- Shelf life is 1 year if stored in good condition without opening.

Packing

- Pack size: 15 L, 3.75 L

The information provided is given in good faith, based on current knowledge and Jorakay Corporation's experience with the products when they are properly stored, handled, and applied in normal situations and in accordance with the recommendations of Jorakay Corporation. This is useful for information and consulting but is not legally binding. In particular, it does not exempt the user from testing and verifying the suitability of the product for the desired application and purpose. Jorakay Corporation reserves the right to modifications that improve the product or its application. This version invalidates previous ones.