

Cp1000

premium grade acrylic copolymer primer



DESCRIPTION

CP1000 is all acrylic latex dispersion used as primer and additive for cementitious coatings like Skraffino, Arapido and Param SSL. It can be also used in semi-transparent stains.

ADVANTAGES

- Excellent adhesion to concrete, steel, brick, wood, plywood, ceramic tiles, etc.
- Increased tensile and compressive strength
- Improved flexibility
- Greatly increased durability
- High abrasion resistance
- Increased impact strength
- Increased freeze/thaw resistance
- Water resistant
- Reduced shrinkage

APPLICATION

As a PRIMER

Prime all surfaces with Cp1000 acrylic activator as per the following guidelines:

DO NOT DILUTE. Apply with a garden sprayer then spread with a broom or mop to assist complete coverage and penetration. Two coats of primer are essential. First coat should be applied the day prior to installing overlay, and then the second commencing the next morning. Once the milky look has completely disappeared and turned clear the surface is then ready for overlaying. Placing the overlay before the second coat is touch-dry may result in bleed and varying white marks on the finished surface. For 2 primer coats allow 18.9L (5 gal) of Cp1000 per 93m² (1000ft²) however, this can vary considerably according to surface porosity.

An incorrectly primed surface may result in pinholes in the topping and cause accelerated and incomplete hydration of the product. Overlay must be installed no later than 6 hours after the second coat of primer has been applied. Always use the measuring bucket provided and adjust if necessary with the small measuring cup.

NOTE: Liquid requirements vary according to ambient temperature and the condition of the concrete substrate. If drying conditions include hot, dry, rapid air movement, correct the condition if possible.

As an ACTIVATOR

Step 1: Prior to installation of a topping place Cp1000 and the required water into a large holding container (e.g., garbage bin) at the following dilution ratios and liquid requirements for cementitious toppings.

Pentimento – Dilute Cp1000 with water at 2:1 ratio (2 parts CP1000 and 1 part water), then use the supplied 4.6 liter measure bucket supplied.

Note: To mix Pentimento at a 2:1 ratio means you should blend 18.9L (5 gal) of CP1000 with 9.45L (2.5 gal) of water into a large holding container.

Skraffino – Do not dilute with water, use pure, and then use the 4.6 liter measure bucket supplied.

Step 2: Using the liquid measuring bucket (pre cut to the previously specified liters), dip and fill to the pre-cut level and pour into a clean 5 gallon mixing pail.

Step 3: Add Colorfast color if required into 5 gallon mixing bucket and spin for 2-5 seconds. Aqua Color can be used to integrally color Skraffino only.

Step 4: Place 2/3 of the powder into the mixing bucket and spin with liquid for 30 seconds using a slow speed drill and paddle attachment.

Step 5: Place remaining powder into bucket and mix thoroughly for 60 seconds to disperse all ingredients to a pourable consistency. The volume of liquid required is very critical. Always use measure bucket provided and adjust if necessary with small measure cup.

NOTE: Liquid requirements vary according to ambient temperature and the condition of the concrete substrate. If drying conditions include hot, dry, rapid air movement, correct the condition if possible.

CONDITIONS FOR USE

Do not apply at temperatures below 50°F (10°C) or when temperatures could fall below 32°F (0°F) during next 24 hours. Be aware that when used at temperatures above 90°F (32°C) application will become difficult.

STORAGE

Store in cool dry conditions above 40°F (4°C). Do not Freeze. Do not use the product that has been frozen. Do not use product that has been stored at temperatures above 90°F (32°C) for extended periods.

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TECHNICAL DATA

Solids content, weight	23 to 27%
pH	9.0 to 10.0
Viscosity at 70°F	< 300 cps (Brookfield)
VOC	< 5 grams/liter
Shelf life	6 months

TECHNICAL SERVICE

Duraamen Engineered Products, Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

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