



ACRYL DP 600

Water Based Acrylic Bonding and Modifying Admixture for Cementitious Materials

ACRYL DP 600 is an acrylic polymer emulsion which enhances the adhesion, workability, physical properties such as compressive and flexural strength, and durability of Portland cement mortars, plaster, stucco, and concrete mixes.

PRODUCT HIGHLIGHTS

- Acrylic polymer significantly improves adhesion, cohesion, reduces cracking, tensile, compressive, and flexural strengths of cement-based material.
- Improves freeze thaw stability and reduces efflorescence in Portland cement-based material.
- Excellent UV and chemical resistance.
- With Portland cement plaster as a repair and patching mortar in vertical applications.
- As a bonding agent over concrete and masonry surfaces to improve adhesion and reduce suction.
- 100% acrylic formulation

SURFACE PREPARATION

The substrate must be structurally sound, clean, free from oil, grease salts, form release agents, or any other material that could inhibit the material from bonding.

PROPERTIES

COLOR: Milky White

AVERAGE WEIGHT: 42 lb. (19.1 kg.) 5-Gallon plastic pail.

COVERAGE RANGE: Varies depending upon Portland cement plaster or stucco mix. As a bonding agent approximately 200-300 ft² per gallon (19-28 m² per 3.8L) depending on substrate porosity.

SHELF LIFE: 1 year in unopened tightly sealed pails out of direct sunlight at 40°-100°F (4.4°-38°C).

INSTRUCTIONS

Recommended Use ratios:

1. For cement base coats, Portland cement stucco and plaster, 1 part by volume admixture with 3 parts clean potable water.
2. With patching and repair mortars, 1 part by volume admixture with 2 parts clean potable water.
3. As a bonding agent use full strength.

Application:

1. Examine surfaces to receive the modified stucco or Portland cement plaster and verify that substrates are clean, dry, structurally sound, and free of all dirt, grease, efflorescence, foreign matter, or materials that may inhibit adhesion.
2. Air and surface temperature must be 40° F (4° C) or higher and remain so for a minimum of 24 hours.

Mixing

1. As an Admixture:
 - A. Blend water and ACRYL DP 600 Admix in a clean container in the proportions described above.
 - B. Add admix water blend to the dry product gradually until a uniform consistency is obtained.
 - C. Do not over mix.

2. As a Bonding Agent:
 - A. Apply evenly using a brush, roller, or spray equipment. Extremely porous surfaces may require a second coat.
 - B. Apply base coat, concrete, or mortar while bonding agent is till tacky or up to 1 hour after application for best results.

LIMITATIONS

Protect from freezing. Do not store or apply in temperatures over 110°F (37.5°C) or below 38°F (13°C). Material that freezes may cause poor performance of the product. Protect all work from inclement weather until fully cured. Weather conditions can and will affect drying time and workability. Do not apply stucco or cementitious coatings to the modified material without the use of an approved bonding agent or being acrylic enhanced. Do not use with air entrained or expansive cements. Hydrated lime additions may cause excessive foaming.

Clean-up: Use fresh water to clean tools and equipment before product dries.



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