

PRODUCT NAME

Primer #300

Modified Acrylic Primer & Top Coat



MANUFACTURER

Gemite® Products Inc.

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FEATURES AND BENEFITS

- Superior adhesion
- Waterproof
- Long term durability
- Breathable
- Resistant to carbon dioxide diffusion
- Easily applied
- Fast drying
- Economical

PRODUCT DESCRIPTION

Basic Use

Primer #300™ is a water borne, high performance, modified acrylic coating used as Top Coat or Primer. It is suitable for concrete block, brick, poured or precast concrete, stucco, wood and painted surfaces. It is highly resistant to acid rain and most airborne pollutants, making it an ideal coating for concrete and masonry walls in industrial environments or environments with high level of solid dirt pollutants.

Composition and Materials

Primer #300, a high performance wall coating, is formulated with modified acrylic emulsion, combined with inorganic extenders, pigments and additives providing mildew resistance and high durability. The water borne formula is VOC compliant. The breathability is well balanced with the resistance to carbon dioxide diffusion.

Limitations

Do not apply when rain is imminent. Surface and ambient temperature during and 24 hours after the application must not be less than 7°C (45°F) or above 32°C (90°F). Fresh (green) concrete or cement plaster must be cured for at least ten days prior to the application of *Primer #300*. Must not freeze.

Health and Safety

Primer #300 is nontoxic and nonflammable. If contact with skin occurs, wash with water. Harmful if digested. Keep the product out of reach of children. For industrial use only. Consult MSDS for additional information.

Colors

Primer #300 should be tinted to the color of the finishing coating.

Packaging

Prime #300 is one component, ready-to-use liquid material, packaged in 20 L (5.3 USG) pails.

Coverage

Primer # 300 : approx. 6.0 - 8.0 m²/L (244 - 326 ft²/USG).

The coverage are only given as guideline and depend greatly on the roughness and porosity of the substrate, thickness of the application and application method used. Carry out field application to determine the exact material quantity requirements.

Storage and Transportation

Shelf life of unopened containers is two years. Store in temperatures above 4°C (40°F). Must not freeze. Packaged 100 - 4 L bottles or 36 - 20 L pails per pallet.

TECHNICAL DATA

Viscosity	98±5 KU
Weight	1.38 kg/L

INSTALLATION

Current Guide Specification and Application Instructions contain additional information specific to each application and must be followed.

Surface Preparation

The surface to be coated must be clean. Remove all dirt, efflorescence, loose particles, paint, cement scaling and other foreign matter which can interfere with the adhesion of the coating. Use power brush, water blast or sandblast as required.

Application

Do not thin *Primer #300*. Short or medium nap roller can be used to apply *Primer #300*. Conventional paint spraying equipment, such as "airless" sprayers also suitable for application of *Primer #300*.

Clean Up

Clean tools and equipment immediately after use with water. For dry material use MEK or Xylol.

Curing

Primer #300 will cure sufficiently by air drying in 2 to 3 hours, depending on temperature and relative humidity.

AVAILABILITY AND COST

Primer #300 is available worldwide. Contact Gemite for the name of the nearest Representative / Distributor and pricing information. When ordering specify the finish, smooth or tex-

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3 & 7

03064 Concrete Sealers
07180 Water Repellents

tured, and color. When ordering a custom color, the color suitability and pricing must be established by Gemite before order can be processed.

MAINTENANCE

No maintenance is required.

WARRANTY

A limited twelve (12) month Material Replacement Warranty is available. For complete details contact Gemite's Head Office.

TECHNICAL SERVICE

For advice on suitability of *Primer #300* for specific application, specification assistance and application advice contact Technical Services at (888) 443-6483 or (905) 672-2020.

Short Specification

The primer will be *Primer #300*, a water borne modified acrylic emulsion [specify color] as manufactured by Gemite Products Inc., [USA 888 443-6483] [Canada 905 672-2020]. It shall be applied in accordance with manufacturer's current guide specifications and application instructions. Contact Gemite Products Inc. for specification assistance and application instructions.

Primer #300 will satisfy the following requirements:

Viscosity	98±5 KU
Weight	1.32 kg/L