



## FOAMPREP

### EPS Base Coat and Adhesive

#### Product Description

*FoamPrep* is a dry polymer modified cementitious material. It is designed for use as a base coat and/or adhesive for architectural EPS foam shapes and “pop-outs”. *FoamPrep* is an ideal base for a variety of finishes including stucco color coat, synthetic stucco or elastomeric coatings.

#### Product Uses

*FoamPrep* is designed with two primary uses:

##### **ADHESIVE:**

- Use *FoamPrep* as an adhesive to attach EPS foam shapes to a variety of substrates, including cement backer board, poured in place concrete, masonry, brown coat and one-coat stucco and exterior stucco.

##### **COATING:**

- Use *FoamPrep* as a base coat or coating over foam shapes. When used as a coating, it is recommended that foam shapes be covered with a fiber mesh product for increased resistance to impact.
- *FoamPrep*'s use is not intended to be part of an EIFS system.

#### Product Advantages

*FoamPrep* has many advantages attractive to the construction professional:

- *FoamPrep* is easily mixed in a 5-gallon pail and may be applied with a rubber sponge float.
- *FoamPrep* ensures a high strength bond when used as an adhesive.
- *FoamPrep* has excellent workability for ease of application and touch up.
- *FoamPrep* is manufactured in #20, #30 and #60 aggregate, which allows flexibility in achieving desired finish.
- *FoamPrep* clean up is fast and easy with the use of water.

#### Mixing

Start with 1 gallon of clean potable water in a 5-gallon pail and add the contents of one 50 lb. bag of *FoamPrep*. Blend water and *FoamPrep* with a 1/2" electric drill motor fitted with a jiffler-type mixer paddle. Mix slowly so as not to add excessive air to the mixture. Allow material to stand 5 to 10 minutes, then re-temper and apply. If necessary, add only enough water at this time to reach desired workable consistency.

#### Surface Preparation

Application surfaces must be clean and free of all foreign materials that may inhibit bonding including (but not limited to) dust, dirt, oil, efflorescence, and loose or damaged substrate materials.

#### Application Guidelines

*FoamPrep* may be applied by hand or machine sprayed. Apply material uniformly to the receiving surface by either method to a thickness of 3/16" to 1/4". Float *FoamPrep* with a sponge float to provide a mechanical key for the finish material.

#### Curing

After application, allow *FoamPrep* to cure for a minimum of 24 hours before applying finish. Light water fogging is recommended after 4 hours if product is exposed to hot, dry, windy or direct sun conditions. Protect freshly applied product for 24 hours if exposed to inclement weather conditions. *FoamPrep* should fully cure 7 to 28 days after application.



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#### Packaging and Coverage

*FoamPrep* is packaged in a 50-pound bag and when properly mixed, will cover approximately 50 – 70 square feet, depending on the thickness of application and the consistency of the mixture.

#### Clean Up

Immediately following application, wash all tools with water.

#### Storage

Store *FoamPrep* in a cool dry location and out of direct sunlight. *FoamPrep* should be kept between 40° and 90° Fahrenheit and protected at all times from weather or other environmental damage.

#### Installation Parameters

*FoamPrep* should be applied when ambient temperatures will be between 40° and 120° Fahrenheit, and remain in that range within 48 hours of application. Do not apply during a period of rain. Use *FoamPrep* in accordance with all applicable building codes.

#### Material Standards

Portland Cement: UBC 24-3 or Type 1 ASTM C150.

#### Material Safety

Users should avoid direct contact with *FoamPrep* through the use of eye, dust and skin protection. Product may be irritating to eyes and skin, as cementitious materials tend to become alkaline when it comes in contact with water. In case of skin contact, clean area with soap and water. In case of eye contact, flush with water and consult a physician. Keep product out of reach of children. Intended only for use by professional installers.

#### Product Warranty

*FoamPrep* is a quality product that depends on proper mixing, application and curing. Additional factors in its use include ambient temperature, humidity and substrate construction. Therefore, *FoamPrep* can assume no warranty for finished work, expressed or implied.

#### Test Data

Method: ASTM C-297  
Properties: Tension Bond *FoamPrep*/brown coat  
Results: Stress (PSI) 91.0

Method: ASTM C-297  
*FoamPrep* bond strength exceeds internal strength of EPS foam

Method: ASTM D 2794  
Properties: Impact Resistance Test  
Results: 96-inch pounds  
3 days

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