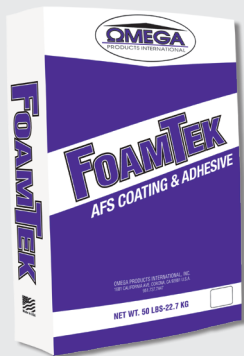




FoamTek

A Polymer-modified, Cementitious Adhesive and Base Coat



COVERAGE

FoamTek 60, 30, and 20:

Approximately 90ft² (8.4m²)

FoamTek 16/20:

Approximately 60ft² (5.6m²)

Coverage will vary depending on ambient temperature, surface temperature, surface porosity, and/or application methods.

PACKAGING

Moisture resistive,
50lb (22.7kg) bags

STORAGE

1. Store bags in a cool, dry location.
2. Store away from direct contact with the ground and/or concrete.
3. Protect bags from weather and other damage.

SHELF LIFE

1 years

COLOR

Natural grey. Also available in light grey or white.

PRODUCT DESCRIPTION

FoamTek is a dry blend, polymer-modified, cement-based material specifically formulated for coating and attaching architectural EPS foam shapes to approved substrates. It is available in FoamTek 60 (fine), FoamTek 30 (medium), FoamTek 20 (med-coarse), or FoamTek 16 (coarse).

FEATURES

Dry Mix

Excellent Workability

Multiple Formulations

Economical

BENEFITS

Easy to mix and store; minimal waste

Easy and quick to apply

Provides suitable base for various finishes

Reduced material costs

BASIC USES

FoamTek is a base coat and adhesive for attaching and coating architectural foam shapes in residential and commercial applications. It is an excellent material for automated foam coating machines. FoamTek may be used in the Omega Crack Isolation System and as a skim coat over approved substrates.

NOTE: Cannot be used in EIFS applications.

AREA OF USE

As an adhesive to attach architectural foam shapes to the following substrates:

1. Cement backer board
2. Masonry
3. Poured-in-place and/or tilt-up concrete
4. One coat stucco
5. Brown coat
6. Exterior stucco

As a leveling/skim coat and patching material over:

1. One coat stucco
2. Brown coat
3. Masonry
4. Poured-in-place and/or tilt-up concrete

As a base coat over:

1. EPS architectural foam shapes

OPTIONAL PRODUCT UPGRADES/ENHANCEMENTS

PRODUCT	BENEFIT
OmegaCure	Liquid accelerator to improve hydration, increase early strength/hardness, and allow cold weather application

Application Instructions



SURFACE PREPARATION

All surfaces to receive application must be clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities.

MIXING

1. Add 3qt (2.8L) of clean, potable water to an empty, 5 gallon pail.
2. Add one bag of FoamTek to the water while mixing with a paddle mixer.
3. Mix for a minimum of 3 minutes.
4. Stop mixing and allow the material to set for 5 minutes.
5. Material may be retempered once adding only enough water to reach the desired consistency.

NOTE: FoamTek may also be mixed in a plaster mixer following the above instructions.

APPLICATION

For Use as a Base Coat - Hand Application Method

1. Using a hawk and trowel apply the FoamTek to the receiving surface to a thickness no greater than 1/4" (6.4mm) in a single application.
2. Refer to the Reinforcing Mesh Product Data Sheet for mesh application procedures. (See Note 3)
3. If desired, apply a second coat of material over the first.
4. Float the FoamTek to provide a mechanical key for the finish.

For Use as a Base Coat - Machine Sprayed Method

1. Add the desired amount of mixed material to the sprayer tank.
2. Apply the material to the receiving surface. Avoid puddling.
3. Refer to the Reinforcing Mesh Product Data Sheet for mesh application procedures. (See Note 3)
4. Apply a second coat of material over that of the first.
5. Rod or screed the second coat to a maximum thickness of 1/4" (6.4mm).
6. Float the FoamTek to provide a mechanical key for the finish.

For Use as an Adhesive

1. Apply the FoamTek to the back of the architectural foam shape achieving complete coverage using a notched trowel.
2. Apply the FoamTek side of the architectural foam shape to the substrate.
3. Ensure that the entire architectural foam shape has been firmly attached to the substrate.

For Use as a Skim or Patching Coat

1. Apply the material to the properly prepared approved substrate. Do not exceed 1/4" thickness in one pass. A second coat can be applied after the first coat has reached its initial cure.
2. Application method will vary due to job conditions.

NOTES

1. Allow FoamTek to set for a minimum of 24-hours prior to working on foam shape.
2. When applying ColorTek or other cement-based finishes over FoamTek coated foam shapes, the use of a bonding agent or acrylic admix is strongly recommend to ensure proper bond. Over FoamTek skim coated walls, the use of a bonding agent or acrylic admix is required when applying ColorTek or other cement-based finishes. The recommended volume of admix is one to two quarts of Omega AkroLoc or two to three quarts of Omega Admix 500 per 90-lb sack of ColorTek. Omega BondCrete or AkroLoc are recommended bonders. See the applicable Omega data sheet for additional information.

3. The use of fiberglass fabric mesh is at the discretion of the architect/builder/contractor. Using mesh will increase impact resistance and may be necessary to properly gauge minimum thickness of the FoamTek. Mesh is always recommended in areas of high traffic. A minimum 3/16" (4.8mm) thickness of FoamTek is required when mesh is not used.

CURING

Curing and/or drying time may vary due to climatic conditions. Drying should occur within 24 hours at an ambient and surface temperature of 70°F (21°C) and 55% R.H. When hot, dry, or windy conditions exist, protection should be provided. All freshly applied material must be protected from inclement weather until fully dry. Full adhesion strength should take one to four days. Full curing strength typically occurs in approximately 28 days.

LIMITATIONS

DO NOT apply product when the ambient and surface temperature is below 40°F (4°C).* The ambient and surface temperature must maintain the above requirements until fully dry (See CURING). Material that is allowed to freeze before fully drying may suffer irreparable damage.

DO NOT add any other materials to the mixture of the product without written approval from Omega Products International.

DO NOT deviate in the mixing or application procedures contained in this, or any other Product Data Sheets, without written approval from Omega Products International.

DO NOT apply FoamTek if there are contaminants on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and/or oils.


DO NOT add any more water than prescribed.

DO NOT saturate the wall during preparation and/or water curing.

DO NOT leave FoamTek unfinished.

DO NOT use FoamTek as a base coat or an adhesive in EIFS applications.

NOTE: Failure to follow manufacturer's written specifications could result in the following, but not limited to spalling, cracking, peeling, chipping, delamination, discoloration, wash off, and overall system failure.

 To ensure proper hydration in cold weather applications (approximately 50°F to 32°F) use OmegaCure admix. Refer to OmegaCure data sheet for additional information.

CLEANING

Cleaning may be accomplished with water immediately after use.

SAFETY

Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended.

KEEP OUT OF REACH OF CHILDREN

DISCLAIMER

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CLAIMS

Any Claimant shall notify Manufacturer immediately in writing of any alleged defect in the material. Claimant will provide Manufacturer with a reasonable and exclusive opportunity to investigate and test for the alleged defect. For any claim that is not valid Claimant agrees to pay Omega's reasonable charges, including travel and labor associated with investigation of such claim.

TECHNICAL ASSISTANCE

Technical assistance and information is available by calling Omega Products International at (951) 737-7447 or by email at info@omega-products.com.

WARRANTY

The following is made in lieu of all expressed and implied rights, warranties and conditions, statutory or otherwise. The manufacturer's only obligation shall be to replace such quantity of products proven to be defective within one year following the date of manufacture, provided that the alleged defective product is returned prepaid to the manufacturer's plant and is accompanied with proof of purchase and batch number.