

# LAMBCO® FOAM TOP

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Supersedes all previous publications



## Product Description

LAMBCO® FOAM TOP is a high-performance, polymer-modified, portland-cement-based pre-blended mortar for non-structural applications packaged as a dry powder requiring only the addition of clean potable water and/or Lambert's liquid acrylic resin concrete admixture. LAMBCO® FOAM TOP is ideal for smoothing and thin patching applications on concrete, masonry, properly prepared wood and suitable EIFS (Exterior Insulation and Finish Systems). LAMBCO® FOAM TOP may also be used as a base coat under synthetic stucco finishes and for EPS (expanded polystyrene) architectural shapes.

## Installation

Before using this product, please refer to the Material Safety Data Sheet for additional information. Proper handling precautions MUST be followed. The conditions of use, handling, and application of this product and information (whether verbal or written), including any suggested formulations and recommendations, are beyond Lambert Corporation's control. Therefore, it is imperative that testing be performed to determine satisfaction and suitability for intended use and health, safety, and environmental issues. The following information is meant as a guideline of best industry practices. While Lambert Corporation does suggest adherence to these guidelines, unforeseeable variables and/or developed successful installer practices may cause variation in methods and/or results. Proper application is the responsibility of the user. If any section of this Technical Data Sheet is unclear or causes question, it is the responsibility of the applicator to contact Lambert Corporation prior to product use for clarification. Field visits by Lambert Corporation personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

## Surface Preparation

Remove all unsound concrete and roughen the surface, if necessary. Concrete substrates should be cured properly and structurally sound. Remove all laitance, oil, grease, curing compounds, and other contaminants that may negatively affect the bonding capability of the LAMBCO® FOAM TOP. The concrete substrate should be saturated surface-dry (SSD), free of all standing water, prior to application.

## Mixing and Placement

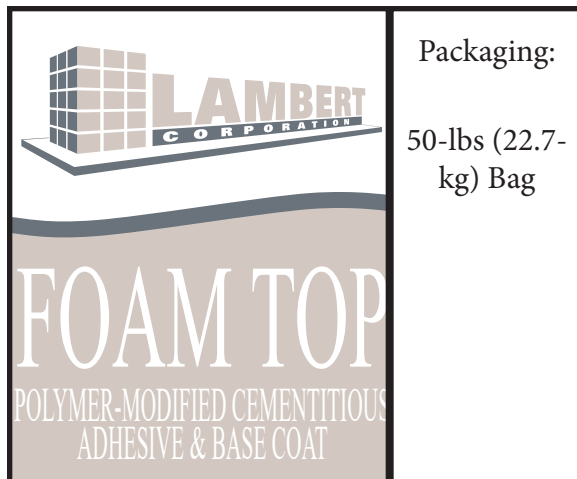
Consider all appropriate safety requirements prior to all processes. A paddle type slow-speed (under 500-rpm) mixer or a revolving concrete mixer can be used. Use a container that will facilitate continuous placement. Place liquid into mixer specifically as directed within this section.

### As a basecoat for EIFS (Exterior Insulation and Finish Systems) or Skimcoat

LAMBCO® FOAM TOP will require approximately 4-qts (3.8-liters) potable water total per 50-lbs (22.7-kg) bag to achieve correct mixture. Measure 3-quarts (2.8-liters) of potable water and pour into mixer. Add one 50-lbs (22.7-kg) unit of LAMBCO® FOAM TOP to mixer and blend for 1-minute. Add remaining 1-quart (0.9-liters) to mixer and blend for a further 2 - 3 minutes to obtain smooth consistency.

### As a bonding coat for EPS (Expanded Polystyrene)

LAMBCO® FOAM TOP will require approximately 2-qts (1.9-liters) potable water AND 2-qts (1.9-liters) of Lambert Corporation's ACRYLBOND™ total per 50-lbs (22.7-kg) bag to achieve correct mixture. Measure 2-quarts (1.9-liters) of potable water AND 1-quart (0.9-liters) of Lambert Corporation's ACRYLBOND™ and pour into mixer. Add one 50-lbs (22.7-kg) unit of LAMBCO® FOAM TOP to mixer and blend for 1-minute. Add remaining 1-quart (0.9-liters) to mixer and blend for a further 2 - 3 minutes to obtain smooth consistency.



Packaging:

50-lbs (22.7-kg) Bag

## Application / Placement

Application method will vary due to substrate, established processes and project conditions. It the responsibility and liability of applicator to read all application instructions and to verify and control their process. Any questions must be immediately directed to the Technical Department at Lambert Corporation. Apply the mixed material in a consistent lift onto the prepared substrate by gloved-hand, trowel or screed at a minimum application thickness of  $\frac{1}{16}$ -inch (1.6-mm). Maximum application thickness is  $\frac{5}{8}$ -inch (16-mm). Curing times will vary based on ambient conditions such as temperature, application method, and substrate type. Product must be protected for 24-hours at minimum to prevent damage.

LAMBCO® FOAM TOP

RESURFACE & REPAIR PRODUCTS



**As a basecoat for EIFS (Exterior Insulation and Finish Systems)**

Apply mixed LAMBCO® FOAM TOP to the substrate verifying that approved fiberglass reinforcing mesh is completely covered, then trowel product to smooth finish with wood- or stucco-float.

**As a Skimcoat**

Apply mixed LAMBCO® FOAM TOP to the substrate using a wood- or stucco-float at a maximum application thickness is 5/8 -inch (16-mm).

**As a bonding coat for EPS (Expanded Polystyrene)**

Verify proper mixing as is detailed in this Technical Data Sheet. Consistently apply mixed LAMBCO® FOAM TOP to the rear side (side to be adhered to the finished substrate) of the EPS product with appropriate trowel. Firmly apply the rear side of the EPS product to the substrate, making sure entirety has completely made contact and that the product attaches and holds appropriately. Allow a minimum of 24-hours before further working with, on or around the specific piece of EPS product. If applicable, apply LAMBCO® FOAM TOP over the exterior of the EPS product with completely covered reinforcing mesh.

**Limitations**

LAMBCO® FOAM TOP is cement based. Follow ACI and ASTM recommended practices as well as local, state and national building codes. Do not add cement, plasticizer or accelerator. Avoid placement when temperatures are, or will be below 45°F (7.2°C) or above 90°F (32°C) within 48 hours. If it is placed with excess water or at low/high temperature, both the compressive strength and expansion properties may be adversely affected. Do not retemper after initial mixing.

**Technical Information**

The following technical information was obtained using a water to LAMBCO® FOAM TOP ratio of 2-qts (1.9-liters) of water AND 2-qts (1.9-liters) of Lambert Corporation's ACRYLBOND™ to 50-lbs (22.7-kg) at 73°F (22.8°C).

Compressive Strength - ASTM C-109	7-days	>2,450
	28-days	>3,000

**Coverage**

One 50-lbs (22.7-kg) bag of LAMBCO® FOAM TOP will yield approximately 0.47-ft<sup>3</sup> (0.013-m<sup>3</sup>) of mortar or cover 11.2-ft<sup>2</sup> @ 1/2-inch (1-m<sup>2</sup> @ 12.5-mm) thick.

**Clean-Up**

Product can be cleaned up by sweeping, paying attention to minimizing the creation of excess dust. Use water to clean tools and equipment immediately following application. Finished/cured product must be removed with mechanical means.

**First Aid**

Cement powder or freshly mixed concrete may cause skin injury. Avoid contact with skin and wash exposed skin areas promptly with soap and water. If any cement powder or mixture gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention. Avoid overexposure to the airborne dust. If inhalation occurs, remove to fresh air area. If any discomfort or breathing issues occur, seek immediate medical attention. Refer to product Material Safety Data Sheet for further information.

**U.S. State of California Proposition 65**

This product contains material listed by the State of California as known, when treated improperly, to cause cancer, birth defects or other reproductive harm.

**VOC Content**

0 -g/L or 0-lbs/gal less exempt content

**KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.**

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