

Product Description

LAMBCO® TILT COAT is a premium-grade concrete patching compound packaged as a dry powder requiring only the addition of clean potable water or Lambert's liquid acrylic resin concrete admixture. LAMBCO® TILT COAT is ideal for smoothing and thin patching applications and is formulated for vertical/overhead resurface/repair projects requiring layers between feather-edge $\frac{1}{16}$ -inch (1.6-mm) and $\frac{1}{4}$ -inch (6-mm) such as, but not limited to, the repair of tilt-up panels, precast concrete, concrete block and other concrete surfaces.

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.

Surface Preparation

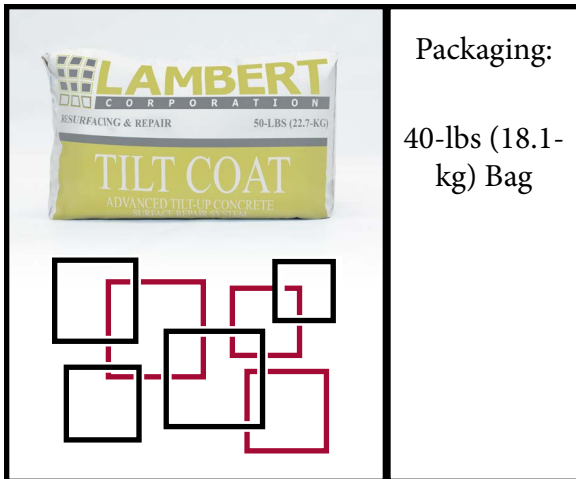
Remove all unsound concrete and roughen the surface, if necessary. Concrete substrates should be cured properly and structurally sound. Remove all laitance, oil, grease, curing compounds, and other contaminants that may negatively affect the bonding capability of the LAMBCO® TILT COAT. The concrete substrate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

Mixing and Placement

A paddle type mixer or a revolving concrete mixer can be used. Use a container that will facilitate continuous placement. Place water into mixer specifically as directed within this section. LAMBCO® TILT COAT will require approximately 3.5-qts (3.3-liters) potable water total per 40-lbs (18.1-kg) bag to achieve correct mixture. Measure 2.75-quarts (2.6-liters) of potable water and pour into mixer. Add one 40-lbs (18.1-kg) unit of LAMBCO® TILT COAT to mixer and blend for 1-minute. Add remaining 0.75-quarts (0.71-liters) to mixer and blend for a further 2 - 3 minutes to obtain smooth consistency.

Application / Placement

Apply the mixed material onto the prepared saturated surface-dry (SSD) substrate by gloved-hand, trowel or screed. Ensure proper consolidation of the mortar and compaction around reinforcing steel. Maximum application thickness is $\frac{1}{4}$ -inch (6.4-mm). Finish the completed repair, as necessary, preventing overworking of the surface. After filling repair, consolidate, then screed. Finish with trowel until smooth and level with surrounding surface. LAMBCO® TILT COAT can be shaved following initial set where required. Care should be exercised in finishing very thin toppings.

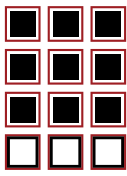


Packaging:

40-lbs (18.1-kg) Bag

Limitations

LAMBCO® TILT COAT is cement based. Follow ACI recommended practices. Do not add cement, plasticizer or accelerator. Avoid placement when temperatures are, or will be below 45°F (7.2°C) within 24 hours. If it is placed with excess water or at low temperature, both the compressive strength and expansion properties may be adversely affected. Do not retemper after initial mixing.



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C O R P O R A T I O N

Technical Information

The following technical information was obtained using a water to LAMBCO® TILT COAT ratio of 3.5-qts (3.3-liters) to 40-lbs (18.1-kg) at 73°F (22.8°C).

| | | |
|---------------------------------|---------|--------|
| Set Time (minutes) - ASTM C-191 | Initial | 30 |
| | Final | 90 |
| | 7-days | >3,200 |
| | 28-days | >3,800 |

Coverage

One 40-lbs (18.1-kg) bag of LAMBCO® TILT COAT will yield 0.37-ft³ (0.0105-m³) of mortar or cover 4.4-ft² @ 1-inch (0.4-m² @ 25-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.