

# LAMBCO® WAX WORX

Revision: September 2013  
Supersedes all previous  
publications



## Product Description

The LAMBCO® WAX WORX line forms a surface membrane that controls the moisture loss, aids in the proper hydration of cement, and ensures rapid development of early strength and the ultimate design strength of the concrete. Formulated to provide maximum efficiency using economical materials, LAMBCO® WAX WORX is designed to provide maximum moisture retention for the first 7-14 days of curing and then begins to disintegrate through a non-peeling process. LAMBCO® WAX WORX, when tested according to the water retention test AASHTO M-148, will restrict the loss of water to not more than 0.5kg/m<sup>2</sup> with a reflectance of 62% and a dry time of less than 4-hours. The LAMBCO® WAX WORX line is a thoroughly-tested water based liquid membrane curing compound that will conform to ASTM C-309, federal, state, county, and municipal specifications. It provides efficient, economical concrete curing for all types of construction.

## 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.

### Horizontal Surfaces

Curing compounds only work if they are on top of the concrete surface and do not penetrate. The timing of application is important. LAMBCO® WAX WORX should be applied after setting of cementitious mixture, immediately after evaporation of the surface water sheen and the concrete surface will not be marred by foot traffic. It is during this time that the concrete is most vulnerable to spalling, hair-checking and other surface defects. If surface is dry, it should be completely dampened (no puddles) before applying LAMBCO® WAX WORX.

### Vertical Surfaces

Application should be made immediately after the forms have been removed and walls are rewetted with clean water. Allow excess water to run off before applying LAMBCO® WAX WORX. In some instances, for uniform application on vertical surfaces, a two-coat application at an interval of approximately 4-hours, may provide the specified rate of application. Do not apply to interfacing of channels to be caulked with "elastomeric" sealants. This can be avoided by masking.

### Application Methods

Only slight agitation of LAMBCO® WAX WORX, at most, is needed prior to use. Do not over agitate or dilute/alter product. Apply with spray, brush, or roller at 200-ft<sup>2</sup> per gallon (4.9-m<sup>2</sup>/L). Apply uniformly to form a continuous film on the surface without thick or "ponded" areas. A power airless sprayer will give best results for large areas. Industrial low-pressure type pump sprayer with neoprene hose and gaskets may be used for small areas. To ensure proper application with sprayers, use only a clean or new industrial grade sprayer equipped with a non-adjustable fan-type tipped nozzle, neoprene hose and gaskets. Maintain sufficient pump pressure throughout application. Uniform surface coverage is essential.

### Cautions

Apply at temperatures above 50°F (10°C). Use adequate ventilation. KEEP OUT OF THE REACH OF CHILDREN.

### Limitations

LAMBCO® WAX WORX is a disintegrating resin-curing compound. The material forms a membrane for proper curing, then becomes brittle and begins to chemically break down. There are a number of factors that will determine the amount of time needed for LAMBCO® WAX WORX to break down and disintegrate. This includes coverage rate, method of application, time of application, and whether the concrete is subject to sunlight rays and weathering.

Test areas should be applied when uncertain of surface conditions or unfamiliarity of product exists. Tests will determine if the surface is properly prepared for adequate adhesion, best method of application, and probable coverage rate.

	<b>Packaging:</b> 55-gal (209-L) Drums DOT 55-gal (209-L) Drum Totes & Tankers Available
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CURING COMPOUNDS

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MASTER FORMAT: 03 39 23



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## Technical Data

### Applicable Standards

- ASTM C-309, Type 1 (WAX WORX CLEAR), Type 1-D (WAX WORX CLEAR W/ FUGITIVE DYE), Type 2 (WAX WORX WHITE)
- AASHTO-M148 (Classification Specified by Product)
  - Florida DOT upon request.

### Coverage

Compliance with ASTM C-309 specification is an application rate of 200 square feet per gallon (4.9m<sup>2</sup>/liter). Florida Department of Transportation application rate is 200 square feet per gallon (4.9m<sup>2</sup>/liter).

### First Aid

Eye Contact: Hold eyelids open and immediately flush with plenty of lukewarm water for at least 15 minutes and call a physician. Skin Contact: Wash thoroughly with soap and water. If irritation persists, seek medical aid. Inhalation: Remove from exposure; administer oxygen if breathing is difficult. Ingestion: Do not induce vomiting. Small amounts of liquid aspirated into lungs may cause serious pulmonary injury.

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