

WAX WORX™ CONCENTRATE

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Supersedes all previous publications



Product Description

WAX WORX™ CONCENTRATE is a water-based wax-formulated dissipating curing compound manufactured with high-solids capable of being diluted to suit application necessity, offered in either white-coloration, clear or with Fugitive Dye. WAX WORX™ CONCENTRATE at any dilution is ideal for the proper curing of most cementitious surfaces, including but not limited to parking garages, bridge decks, concrete vertical or horizontal flatwork, and curbing.

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.

Mixing

WAX WORX™ CONCENTRATE can be diluted to fit application requirements. Dilution ratios may differ based on intended application and project requirements. Base solids percentage is thirty (30) percent. Utilizing a one part water to one part WAX WORX™ CONCENTRATE solution will yield a fifteen (15) percent solution and meet the specification requirements for ASTM C-309. Moderate agitation will be required if product is diluted to verify thorough blend.

Horizontal Surfaces

WAX WORX™ CONCENTRATE, diluted as required, 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 WAX WORX™ CONCENTRATE, diluted as required.

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 WAX WORX™ CONCENTRATE. 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.

	Packaging: 5-Gallons (18.9-Liters) Pail 55-Gallons (208.2-Liters) Drum 270-Gallons (1022-Liters) Tote
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Application Methods

Only slight agitation of WAX WORX™ CONCENTRATE, previously diluted as required as per above mixing directions, at most, is needed prior to use. Do not over agitate product. Apply with spray, brush, or roller at 200-ft² per gallon (4.9-m²/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.

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CURING COMPOUNDS



Limitations

Apply and store at temperatures above 50°F (10°C). Use adequate ventilation. WAX WORX™ CONCENTRATE, is a disintegrating wax-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 WAX WORX™ CONCENTRATE, to break down and disintegrate. This includes dilution rate, coverage rate, method of application, time of application, and whether the concrete is subject to ultraviolet light 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.

Applicable Standards

ASTM C-309 - Type 1 (Clear), Type 1-D (Clear w/Fugitive Dye), Type 2 (White)
AASHTO M148 - Type 1 - Clear

Solid Content	30% by Weight
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Coverage

Product can be applied at varying application rates based on surface porosity dilution ratio and project requirements. ASTM C-309 specification requires 200 ft² per gallon (4.9-m²/L).

Clean-Up

Refer to WAX WORX™ CONCENTRATE Material Safety Data Sheet where applicable. Clean tools, LAMBCO® SPRAYERS, and other equipment as suggested by manufacturer.

First Aid

Avoid contact with skin and wash exposed skin areas promptly with soap and water. If any product 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 and seek medical attention if required. Refer to product Material Safety Data Sheet for further information.

VOC Content

23.6-g/L less exempt content

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

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