

PRIMER L-16™

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Supersedes all previous publications



Product Description

PRIMER L-16™ is an ethyl vinyl acetate (EVA) primer for Portland cement based products. It is primarily used in conjunction with Lambert's self-leveling products. This is a water-based bonding agent that is re-emulsifiable only one time. When used as directed it will increase the bond between new to old concrete. **PRIMER L-16™** has high-strength in dry film and provides a better wet-bond than PVA (polyvinyl acetate) products. In addition, unlike PVA products, it allows exterior use, increased water and alkali resistance and a lower film. **PRIMER L-16™** will re-emulsify one time and then will not re-wet again.

PRIMER L-16™ is a milky white liquid that dries clear. Mixed with cement, sand, and water, **PRIMER L-16™** forms a strong bonding grout that will adhere to properly prepared concrete substrates.

Basic uses for **PRIMER L-16™** as a primer, include: Cement based repair type products; Underlayment products; Non-shrink grout products; Cement based self level products

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

All spalling, scaling, crumbly material must be removed from surfaces and crevices, and the area rendered structurally sound. Dust, dirt, oil, wax, chalky or loose paint, mildew, rust and other foreign material must be removed for adequate bonding. New concrete must be allowed to cure according to industry standards.

New concrete must be allowed to cure according to industry standards (ASTM C-926). Fresh cementitious substrates are high in alkalinity (ph of 12 or more) and if **PRIMER L-16™** is used too early, it may peel, blister and delaminate in a relatively short time.

Do not apply **PRIMER L-16™** where hydrostatic pressure is present in the substrate or over frozen concrete. When the surface cause's water to bead up like it does on wax paper, you will definitely have a problem with bonding. These areas need to be sandblasted, bush-hammered, to produce an acceptable open surface for bonding. Always apply a test patch with the products specified, if surface is questionable.

Efflorescence is a white soluble salt that destroys the bond of any cement-based product. Never apply cement where efflorescence is present. These areas need to be sandblasted or acid etched to produce an acceptable sound and open substrate for bonding.

Application

Stir **PRIMER L-16™** prior to use. Pre-wet all concrete and wood surfaces. Apply undiluted **PRIMER L-16™** to prepared surface at specified coverage rates. For best results, apply self-level product when **PRIMER L-16** is still tacky, usually within 20 minutes.

Limitations

Minimum application temperature is 45°F (7.2°C) and rising. Placement of concrete products at temperatures below 45°F (7.2°C) is not recommended because of poor cement hydration. High humidity/excessive moisture will retard curing time of **PRIMER L-16™** modified mixes. Do not store product at temperatures below freezing. Prolonged freezing may damage contents. Frozen material should not be applied. If **PRIMER L-16™** can be stirred easily and is creamy smooth after freeze/thawing, bonding qualities in most cases have not been lost. Make test application to determine acceptability.

Technical Data

Solids, % By Weight	Min 12%
PH	6.0
Specific Gravity	1.02
Weight Per Gallon	8.5 lbs (1.0-kg/L)
Odor	Low Ammonia
Shelf Life	6 Months

Coverage

Pre-dampen concrete and wood substrates with potable water. Do not leave standing water.

Bonding Agent/Compound Usage - Surface-applied

Use undiluted as a "paint-on" bonding agent. Apply at 400 to 600 ft² per gallon (9.8-14.7m²/L). Projected coverage is an estimate only and is highly dependent on substrate texture and porosity.

Clean-Up

Product can be cleaned with soap and water. For additional information, review the MSDS for **PRIMER L-16™**.

First Aid

Avoid inhalation of vapors/ensure adequate ventilation. Avoid contact with skin. Protective clothing recommended. Contact areas wash with soap and water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with plenty of water. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

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

	Packaging: 55-gal (208.2L) Drums 5-gal (18.9L) Pails
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