932 LINK™

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Supersedes all previous publications

LAMBERT CORPORATION

LATEX BONDING AGENTS

932 LINK™

MASTER FORMAT: 03 31 10 09 24 00

Product Description

932 LINK™ is a (VAE) primer and admixture for Portland cement based products. It is a non-reemulsifiable water-based bonding agent that has a long open-time. When used as directed it will increase the bond between new to old concrete. **932 LINK™** 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 formation threshold. **932 LINK™** is considered less sticky, more workable, and more versatile than Acrylic bonding agents. **932 LINK™** is non-reemulsifiable. **932 LINK™** can be used as both a bonder and an admixture in interior or exterior applications not subject to constant water immersion.

932 LINK™ is a milky white liquid that dries clear. Mixed with cement, sand, and water, **932 LINK™** forms a strong bonding grout that will adhere to properly prepared concrete substrate.

Basic uses of 932 LINK™ as a primer include:

- Cement based repair type products
- Underlayment products
- Non-shrink grout products
- Portland cement stucco
- Cement based self-level products

Basic uses of 932 LINK™ as an admixture include:

- Cement based repair type products
- Non-shrink grout products
- Portland Cement stucco
- 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. A painted surface must be sound, washable, and paint firmly adhered to substrate. Do not apply over water soluble calcimine paints or rusted surfaces. Wait 60 days before applying **932 LINK™** over a newly painted surface. Glossy painted surfaces should be dulled and roughened with abrasive type wire brush.

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 painted, may peel, blister and delaminate in a relatively short time.

Do not apply **932 LINK™** 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, or acid etched to produce an acceptable open surface for bonding. If surface is questionable, apply a test patch with the products specified.

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

Application Instructions

Admixture in Toppings 1/2" (12.7mm) or Less

Stir **932 LINK™** prior to use. Mix 1 part **932 LINK™** to 1 part water. Mix thoroughly before adding to cement topping as replacement for water. Add dry materials to liquid admixture solution to reduce clumping of material. Pre-wet all concrete and wood surfaces. Place mixture on base within 20 minutes of adding **932 LINK™** to the mixture. In thin resurfacing, wood float immediately after screeding. **932 LINK™** modified mixes are air-curing systems.

Limitations

When used with air entraining admixtures, accelerators, or with high-speed mechanical mixers, a test for air content of the mix must be made prior to job usage. Adjustments to air entrainment may be necessary.

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 **932 LINK™** modified mixes. Do not store product at temperatures below freezing. Prolonged freezing may damage contents. Frozen material should not be applied. If **932 LINK™** 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.

Packaging:

55-gal (208.2L) Drum

5-gal (18.9L) Pail

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Technical Data

Applicable Standards

When used undiluted, **932 LINK™** meets or exceeds ASTM C-1059 type I, and ASTM C-932 specifications.

PHYSICAL DATA	
SOLIDS, % BY WEIGHT	MIN 50%
PH	4.5
SPECIFIC GRAVITY	1.1
WEIGHT PER GALLON	8.9 LBS (1.1KG/L)
ODOR	LOW AMMONIA
SHELF LIFE	6 MONTHS

Coverage

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

Admixture Use

Portland cement Plaster Mixes:

The normal ratio of **932 LINK™** to water is 1:3 (1-part **932 LINK™** to 3-parts water). The ratio can be adjusted stronger or more diluted depending on actual project requirements. Recommendations are as follows:

- **Over Solid Bases** (CMU and Concrete): For scratch coats, mix 1-part **932 LINK™** to 2-parts water. Where bonding is more critical, increase the mix ratio to 1:1 by volume. For brown coats, mix 1-part **932 LINK™** to 3-parts water.
- **Plaster Mixes – Smooth Substrate:** Use mix ratio of 1-part **932 LINK™** to 2-parts water.
- **Plaster Mixes – Rough Substrate:** Use 1-part **932 LINK™** to 4-parts water.

Bonding Agent/Compound Usage

Surface-applied

Use undiluted as a "paint-on" bonding agent. Apply at 250 to 300 ft^2 per gallon (6.1-7.4m^2/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 **932 LINK™**.

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.