



LAMBCO®

GLAZECOTE™ 30

Water based one-component concrete sealer, dustproofer, and curing compound

Advantages:

- Non-toxic, non-flammable
- Dries hard
- Reduces moisture entry
- Minimizes salt water penetration
- Simplifies cleaning and maintenance
- Minimizes spalling
- Complies with VOC requirements
- 30% resin solids by weight

Coverage:

- 200-400 ft² per gallon (4.9-9.8m²/L)

See Coverage section for full details

Packaging:

- 5 gal (18.9L) pail
- 55 gal (208.2L) drum



LAMBERT CORPORATION
20 N. COBURN AVENUE, ORLANDO, FLORIDA 32805
PHONE: (407) 841-2940 TOLL FREE: 800-432-4746
FAX: (407) 839-1890
WEBSITE: <http://www.lambertusa.com>

Revision: January 2008

Supersedes all previous publications

Product Description

LAMBCO® GLAZECOTE™ 30 is an acrylic resin emulsion formulated into a high quality concrete sealer, dustproofer and curing compound. It is a milky white liquid that dries to a clear, hard, very durable protective film with superior bonding and performance characteristics. LAMBCO® GLAZECOTE™ 30 is a thin liquid designed to penetrate into the pores of the concrete filling them with acrylic resin that gives the concrete surface the maximum protection from wear and penetration of salts, dirt, or other contaminants. The water based nature of this product makes it non-flammable and non-toxic allowing the user to avoid health hazards encountered with solvent based systems, particularly when used in enclosed areas. When it comes to versatility, cost, performance, and safety, LAMBCO® GLAZECOTE™ 30 offers a new and heretofore unattainable balance of properties.

LAMBCO® GLAZECOTE™ 30 may also be used as a curing compound when applied to fresh concrete. The film forming qualities of this product minimize moisture vapor transmission resulting in excellent water retention in fresh concrete for better curing and hardening.

When used on new concrete it acts as a curing compound for proper cement hydration (one coat only). When used on old concrete it seals and dust proofs the surface (two coats are recommended for most surfaces). LAMBCO® GLAZECOTE™ 30 is compatible with a wide range of resilient tile and carpet adhesives (improves adhesive effectiveness).

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

Surfaces must be thoroughly cleaned and dry. Remove all dirt, waxes, poorly bonded paints or coatings, efflorescence, laitance and any other foreign material. Apply test to determine bond and compatibility.

Application

Do not dilute or alter product. Apply with spray, brush, roller, or lamb's wool applicator. On smooth concrete use spray, lamb's wool applicator or short-nap roller. On rough concrete (broomed or textured) use spray, brush, or long-nap roller. Caution - rollers tend to incorporate air into product during application especially with excessive rolling. Apply uniformly to form a continuous film on the surface without thick or "ponded" areas. If necessary to brush apply, take care to flow material on surface evenly. Over brushing can cause foaming, pinholes and an unsightly appearance. A power airless sprayer will give best results for large areas. Industrial low pressure type pump sprayer will be best for relatively small areas. To ensure proper application with sprayers, use only clean or new industrial grade sprayer equipped with a non-adjustable fan tipped nozzle. Maintain sufficient pump pressure throughout application. Uniform surface coverage is essential; avoid "puddling" in low areas. If material starts to come out of nozzle in a stream, versus a fog/spray, or starts to come out in spits and sputters, the nozzle has become clogged. Stop immediately and clean nozzle with water, preferably hot, or lacquer

thinner before proceeding. Clean the sprayer immediately after use with clean hot water or lacquer thinner.

It is important to prepare the spray equipment to accept the waterborne sealer especially if it was previously used for solvent borne sealers or paints. The lines should be flushed with soapy water followed by warm tap water and then LAMBCO® GLAZECOTE™ 30. In adjusting the sprayability, it is best to start with the smallest possible tip opening and lowest possible pressure, then adjust to optimum atomization. Spraying at the lowest possible pressure eliminates unnecessary turbulence that generates excessive foam and overspray. To prevent clogging of gun tip during work stoppages, it is important to immerse gun tip in water.

Limitations

Concrete overlays and toppings will not bond to LAMBCO® GLAZECOTE™ 30 treated surfaces. Ceramic tiles that will be bonded with a cement base mortar grout will not bond to treated slabs.

LAMBCO® GLAZECOTE™ 30 should not be applied over standing water (surfaces can be damp, no puddles), over bituminous asphalt or resilient tiles.

Prolonged exposure to moisture or water may result in a temporary milky appearance that clears upon drying. This is particularly true on textured or stone surfaces. Do not apply if rain is forecast 24 hours after application. Apply only when air, surface and material temperature is 50°F (10°C) and rising.

Lambert's liquid chemical hardening compounds will not penetrate concrete slabs that have been treated with GLAZECOTE™ 30.

LAMBCO® GLAZECOTE™ 30 is compatible with many carpet, composition tile, and other floor covering adhesives however, a test section is recommended prior to use because of the variety of new adhesives being introduced to the market. Complete removal of the membrane may be required for certain carpet, tile, and floor covering adhesives. Contact Lambert Corporation for compatible products.

Do not apply in presence of fresh or packaged foodstuffs unless they are protected from contamination. If in doubt, remove foodstuffs from area.

Although LAMBCO® GLAZECOTE™ 30 is a clear film; any clear coating can change the light refraction characteristics of the surface giving the visual effect of a slight color change. Differences in porosity and non-uniformity of application on smooth masonry/concrete might affect the even distribution of LAMBCO® GLAZECOTE™ 30. Application will give a colored concrete surface a glossy wet look and will generally deepen the color. It will accentuate color variations or trowel burns. Always coat a test area to determine acceptability and to assure desired aesthetic results.

The placement of LAMBCO® GLAZECOTE™ 30 on walking surfaces such as patio decks, pool decks, etc. can affect the skid resistance of the surface. The user must determine prior to the application if this would be a problem. LAMBCO® GLAZECOTE™ 30 on a walking surface, when wet or in the presence of oils, etc. can make the surface slippery and perhaps hazardous. The user should check by trial application to determine if this would be a problem.

Technical Data

Applicable Standards

- ASTM C 1315-95, Type 1, Class B
- ASTM C 309-94, Type 1, Class A & B
- ASTM C 156 -89 (test method)

Engineering Data

• Color	Milky White
• Solids	20% by weight
• Flash Point	None
• Freeze Thaw	In Test
• Weight Per Gal.	8.4 lbs (1 kg/liter)
• Viscosity	24 Sec 4 Ford Cup
• Dry Time*	65-85°F (18.3-29.4°C)
Tack Free	1 hour
Light Traffic	2-4 hours
Normal Traffic	24-36 hours
Maximum Hardness	7 days

*The drying time of water-based materials is directly influenced by humidity and temperature. Low air temperature or low concrete substrate temperature and high relative humidity will extend drying times. STIR WELL BEFORE USE.

Chemical Resistance

• 10% - Sulfuric Acid	Excellent*
• 10% - Hydrochloric Acid	Excellent*
• 10% - Nitric Acid	Excellent*
• 40% - Sodium Hydroxide	Excellent*
• 100% - Vegetable Oil	Excellent*
• 100% - Mineral Oil	Excellent*
• Aliphatic Solvents	Good*
• Hydraulic Oil	Poor
• Aromatic Solvents	Poor
• Gasoline	Poor

* Good maintenance is essential in areas where chemical spillage is likely to occur. It is especially important that such chemical spillage should not be allowed to dry as higher concentrations of chemicals become involved. LAMBCO® GLAZECOTE™ 30 will offer temporary protection to aliphatic solvent spillages but is not designed for areas where continuous spillages of petroleum products (gasoline, hydraulic oils, etc.) may be expected.

Coverage

200 to 400 square feet per gallon (4.9-9.8m²/L) depending on texture and porosity of surface

Clean-Up & First Aid

Clean-Up

Clean brushes, tools, sprayers, rollers and other equipment with soap and water (hot if possible) or lacquer thinner, toluol, or xylol.

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. Give water or milk if victim is conscious and not drowsy. Small amounts of liquid aspirated into lungs may cause serious pulmonary injury.

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