

# Product Brochure



CONCRETE  
SPECIALTY  
PRODUCTS

CURES  
SEALERS  
HARDENERS  
ADMIXTURES  
RESURFACING  
DAMPPROOFING  
FORM RELEASES  
WATERPROOFING  
BONDING AGENTS  
EPOXY PRODUCTS  
REPAIR PRODUCTS  
CONCRETE COLORS  
NON-SHRINK GROUT

[www.LambertUSA.com](http://www.LambertUSA.com)

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**Lambert also offers a full line of PROSOCO products.**



**Complementary products.**

*The PROSOCO line supports and complements the Lambert line of products.*

**Convenience.**

*One purchase order. Just include PROSOCO products with your Lambert product order.*

**Service & Stock.**

*Lambert's excellent customer service will process the order in a timely manner.*

*Lambert is striving to develop available inventory for fastest service and delivery.*

**Check our website [www.LambertUSA.com](http://www.LambertUSA.com) for a full list and links to the product descriptions.**



# COLOR FOR CONCRETE



## LAMBCO COLOR

Synthetic iron oxides with some natural and chromium oxides milled from pure pigments, without additives. Choose from a variety of colors available. Refer to the Lambert "Colors in Concrete" color chart to view the various colors that can be achieved based on different dosage rates used with gray Portland cement or white Portland cement. Key factors to uniform color application are to maintain consistency in the types and volumes of each ingredient, water content, water-cement ratio, and number of finishers and their finishing skills and techniques. ASTM C-979

Available in 3-lb (1.4 kg) boxes, 5-lb (2.3 kg) boxes, 25-lb (11.3 kg) boxes, and 50-lb (22.7 kg) bags. Also available in *Clean Color* dispersible paper bags in 1/2-yd and 1-yd increments.



## DISPERSED BLACK

## NO VOC's!

A carbon black liquid coloring system for Portland cement concrete applications. Dispersed Black is added to the concrete mix at the ready-mix batch plant. It is the easiest, and most economical method of adding carbon black to a concrete mix. Admixture rates range from 2 1/2 to 5-gal (9.5 to 19 liters) of Dispersed Black per yard of concrete to achieve color ranges between medium gray and deep black color. Available in 5-gal (19 liter) pails. The typical dosage rate is one 5-gal (19 liter) pail per yard of concrete.

# SPECIALTY COATINGS

**Packaging:** Unless otherwise noted, specialty coatings are available in 5-gal (19 liter) pails only.

**Coverage:** Ranges from 100 to 300 ft<sup>2</sup>/gal (2.5 to 7.4 m<sup>2</sup>/liter) for Plexgard, and 75 to 250 ft<sup>2</sup>/gal (1.8 to 6.1 m<sup>2</sup>/liter) for Colorcoat. Coverage rates will vary dependant upon type and porosity of substrate.

## LAMBCO PLEXGARD

## NO VOC's!

Single-component acrylic-polymer coating for use on interior or exterior surfaces. PLEXGARD is a durable, water-based coating available with or without slip-resistant additive, in sixteen standard colors. See Surface Colors Chart. Not recommended for surfaces subject to vehicular traffic.

## LAMBCO COLORCOAT

Solvent-based acrylic concrete stain that will penetrate at levels dependant upon surface porosity. LAMBCO COLORCOAT is available in sixteen standard colors. See the Surface Colors Chart.

**Plexgard & Colorcoat are NOT available in ADA Yellow, Camel, Plum and Slate Green.**  
All other colors shown on chart are available in Plexgard, Colorcoat, Colorhard and Colorbrite.



# SURFACE HARDENERS

## SOLIDUS

## NO VOC's!

Clear, concentrated liquid hardener composed of chemically active Magnesium Silicofluoride with special wetting agents. Chemical reaction takes place between Solidus and free lime in concrete crystallizing soft lime into hardened particles. Solidus is a concentrate and must be diluted with water prior to use. Packaging: 55-gal (208 liter) drums or 5-gal (19 liter) pails  
Diluted Coverage: 100 - 300 ft<sup>2</sup>/gal (2.5 - 7.4 m<sup>2</sup>/liter)

## LAMBCO EMAG-20

Emery aggregate, crushed and graded into a mixture of sharp, irregular particle sizes. EMAG-20 contains no less than 58% aluminum oxide and no more than 24% ferric oxide. A natural abrasive aggregate which becomes increasingly more slip-resistant as the aggregate protrudes from the surface. Packaging: 50-lb (22.7 kg) bags  
Coverage: 1/4 to 1/2-lb per ft<sup>2</sup> (1.2 to 2.4 kg/m<sup>2</sup>)

## COLORHARD

Dry-shake/dust-on concrete floor hardener. Ready-to-use combination of binders and quartz aggregates; colored or natural gray. See Surface Colors Chart. All colors shown are available. Packaging: 60-lb (27.2 kg) pails. Also available Natural in 50-lb (22.7 kg) bags  
Coverage: 1/2 to 1-lb per ft<sup>2</sup> (2.4 to 4.9 kg/m<sup>2</sup>)

## COLORBRITE

Dry-shake/dust-on concrete floor hardener. Combination of binders and emery aggregates. Formulated to drastically increase slip-resistance and withstand extremely heavy traffic. May be colored or natural gray. See Surface Colors Chart. Packaging: 60-lb (27.2 kg) pails. Also available Natural in 60-lb (27.2 kg) bags  
Coverage: 1/2 to 1-lb per ft<sup>2</sup> (2.4 to 4.9 kg/m<sup>2</sup>)

## FERON

Iron aggregate, dry-shake floor surface hardener. Composed of portland cement, metallic particles and a dispersing agent. Packaging: 60-lb (27.2 kg) bags or pails  
Coverage: 1/2 to 2 lbs. per sq. ft. (2.5 to 10 kg/m<sup>2</sup>)



# CONCRETE SEALERS

**Packaging:** Unless otherwise noted, concrete sealers are available in 55-gal (208 liter) drums or 5-gal (19 liter) pails.

**Coverage:** Ranges from 200 to 400 ft<sup>2</sup>/gal (4.9 to 9.8 m<sup>2</sup>/liter) depending on the surface porosity.

## EXPOSITE SB

High-solids, clear sealer for concrete and masonry surfaces applied as a clear liquid, EXPOSITE SB contains a non-yellowing methyl-methacrylate copolymer resin that dries clear and produces a hard, flexible film coating. It is effective in preserving and enhancing stamped colored concrete, as well as other floor surfaces such as concrete pavers, quarry tile, and exposed-aggregate concrete. Also available in 1-gal (3.8 liter) cans; 4 per case.

## EXPOSITE SB II

High-solids, clear sealer for concrete and masonry surfaces applied as a clear liquid, EXPOSITE SB II is a non-yellowing methyl-methacrylate copolymer resin that dries clear and produces a hard, flexible film coating. Uses a higher molecular weight resin for greater durability and viscosity than Exposite SB.

## EXPOSITE WB

## VOC COMPLIANT!

High solids, water-based, clear acrylic emulsion formulated for use as a concrete sealer and dust-proofer. Applied as a milky-white liquid that dries tack-free in 2-3 hours to a clear, hard, flexible, film coating that will not yellow.

## WATER REPELLENT

**Packaging:** Water repellents are available in 55-gal (208 liter) drums or 5-gal (19 liter) pails.

**Coverage:** Typical coverage for penetrating type water repellent products range from 60 to 200 ft<sup>2</sup>/gal (1.5 to 4.9 m<sup>2</sup>/liter).

### WATERBAN 90

15% solids, siloxane penetrating water repellent for maximum protection of above-grade horizontal and vertical surfaces of concrete and masonry. Application results in an 85% reduction of water absorption, and a 92% reduction in chloride intrusion when compared to control samples.

NCHRP 244 report; Georgia Research Project #8905

## WATERPROOFING

**Packaging:** Waterproofing products are available 5-gal (19 liter) pails

### WATERBAN 55

Waterban 55 is a single-component, non-flammable, asbestos-free, **latex-modified** asphalt-emulsion waterproof coating. Waterban 55 can be applied by spray, brush, or "rolled-on". Coating is designed to waterproof surfaces of concrete and concrete masonry to protect from corrosion and environmental elements. It achieves excellent durability, flexibility, and is quick-drying.

**Coverage:** product will cover 25-35 ft<sup>2</sup>/gal (0.6-0.9 m<sup>2</sup>/liter)



### WATERBAN 75

Waterban 75 is a single-component, non-flammable, asbestos-free, **polymer-modified** asphalt-emulsion waterproof coating. Waterban 75 can be applied by spray, brush, or "rolled-on". Coating is **designed to waterproof surfaces of precast concrete and cast-in-place concrete walls** to protect from corrosion and environmental elements. It achieves excellent durability, flexibility, is quick-drying and paintable.

**Coverage:** product will cover 250-350 ft<sup>2</sup>/gal (6.1-8.6m<sup>2</sup>/liter)

## DAMPROOFING PRODUCTS

**Packaging:** Unless otherwise noted, dampproofing products are available in 55-gal (208 liter) drums or 5-gal (19 liter) pails.

### LAMBCO WATERBAN 60 SERIES

Non-asbestos asphalt-emulsion for application by spray, brush, or trowel depending on the viscosity-grade specified. Use above and below grade to build a moisture resistant vapor barrier on interior and exterior surfaces above and below grade.

- **Waterban 60P** (*liquid, primer, paint-on*) will cover 33 ft<sup>2</sup>/gal at a DFT (dry film thickness) of 24 mils (0.8 m<sup>2</sup>/liter at a DFT of 0.6mm)  
ASTM D-1187, Type 1 ASTM D-1227, Type III, Class I
- **Waterban 60SM** (*semimastic*) grade will cover 33 ft<sup>2</sup>/gal at a DFT of 24 mils (0.8 m<sup>2</sup>/liter at a DFT of 0.6 mm).  
ASTM D-1187, Type 1 ASTM D-1227, Type II
- **Waterban 60M** (*mastic*) grade will cover 33 ft<sup>2</sup>/gal. at a DFT of 23 mils (0.8 m<sup>2</sup>/liter at a DFT of 0.575 mm).  
ASTM D-1187, Type 1 ASTM D-1227, Type II



# CURING COMPOUNDS

**Packaging:** Curing compounds are available in 55-gal (208 liter) drums or 5-gal (19 liter) pails.

**Coverage:** Coverage ranges from 200 to 350 ft<sup>2</sup>/gal (4.9 to 8.6 m<sup>2</sup>/liter) dependant upon the density of mix design and finish texture of the concrete surface. Compliance with ASTM C-309 requires application at 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/liter).

## AQUA KURE

Dissipating emulsion-resin water-based curing compound. Available in white pigmented, clear, or with fugitive dye. Contains no wax, paraffin or oil.

ASTM C-309, Types 1, 1D, & 2

AASHTO M-148, Type 1, 1D, & 2

Florida & Georgia D.O.T. approved

## VOC COMPLIANT!

**DOT:** Curing compounds having Department of Transportation (D.O.T.) certification are available only in drum sizes. Certification is placed on the side of each drum. **This is dated material**  
**Please allow up to six weeks order time for production and D.O.T. approval testing.**

## GARDSEAL

Penetrating cure that seals, hardens, and dust-proofs concrete. Sodium silicate based nonacid penetrant reacts with the free lime and calcium carbonate present in concrete to seal concrete pores. Compatible with subsequent floor finishes and mortar setting beds.

**Simplest and most economical**

## NO VOC's!

# CURE-AND-SEALS

**Packaging:** Unless otherwise noted, cure-and-seal products are available in 55-gal (208 liter) drums or 5-gal (19 liter) pails.

**Coverage:** Coverage ranges from 200 to 350 ft<sup>2</sup>/gal (4.9 to 8.6 m<sup>2</sup>/liter). Compliance with ASTM C-1315 requires application at 300 ft<sup>2</sup>/gal (7.4 m<sup>2</sup>/liter). All Lambert Cure-And-Seal products are EPA **VOC Compliant**.



## UV SUPER SEAL

Non-yellowing, UV-stabilized, clear, styrene-acrylate cure-and-seal for use on fresh or existing concrete, interior or exterior. Compatible with most latex-based flooring adhesives. Higher coverage rates (300+ ft<sup>2</sup>/gal; 7.4+ m<sup>2</sup>/liter) with better moisture-loss prevention than other cure-and-seal products. Meets new industry standard for non-yellowing cure-and-seal.

ASTM C-1315, Type 1, Class A

ASTM C-309, Type 1, Class A/B

Coverage: 300 to 500 ft<sup>2</sup>/gal (7.4 to 12.3 m<sup>2</sup>/liter)

**UV Super Seal is also available as low voc formula:**  
**"Super Lo"** With AIM Compliant VOC Rating (< 230 g/l)

## CRYSTAL GARD 0800

Highest solids compound developed for maximum curing, sealing, and dust-proofing of concrete surfaces. Compatible with most latex-based adhesives used with resilient flooring or carpet installations.

ASTM C-1315, Type 1, Class B

ASTM C-309, Type 1, Class A/B

Fed. Spec. TT-C-0800, Type 1

AASHTO M-148, Type 1, Clear

NAVDOCS SPEC 13 YD

## CRYSTAL CLEAR SEAL - 1315

High solids, clear cure-and-seal that will dust-proof concrete surfaces. A tough, wear-resistant sealer that dries to a glossy sheen. May be used on new or old concrete, interior or exterior. Compatible with most adhesives used for resilient flooring or carpet installations. Also available in 1-gal (3.8 liter) metal cans; 4 per case.

*For gray tinted finish:* specify **Crystal Clear Seal-Gray** which is available in 5-gal (19 liter) pails only.

ASTM C-1315, Type 1, Class B

ASTM C-309, Type 1, Class A/B

AASHTO M-148, Type 1, Clear

NAVDOCS SPEC 13 YF

USDA approved for incidental food contact

## UV SAFE SEAL

Water-based, clear, UV-stabilized, styrene/acrylate cure-and-seal for use on fresh or existing concrete, interior or exterior. Compatible with most latex-based flooring adhesives. Higher coverage rates (300 ft<sup>2</sup>/gal+; 7.5+ m<sup>2</sup>/liter) with better moisture-loss prevention than other cure-and-seal products. Meets new industry standard for non-yellowing cure-and-seal.

ASTM C-1315, Type 1, Class A

ASTM C-309, Type 1, Class A/B

Coverage: 300 to 500 sf/gal (7.4 to 12.3 m<sup>2</sup>/liter)

## LAMBCO GLAZECOTE-20 and LAMBCO GLAZECOTE-30

Water-based, clear, styrene/acrylate cure-and-seal that will dustproof concrete surfaces. May be used on interior or exterior concrete. White-colored in liquid form. Compatible with most adhesives used with resilient flooring or carpet installations.

Available in 20% and 30% solids formulations.

ASTM C-1315, Type 1, Class B (Glazecote-30 formulation only)

ASTM C-309, Type 1, Class A/B

## CLEAR COLORSEAL

A clear drying, water based acrylic polymer designed to seal concrete pavers and other colored concrete surfaces. This very durable protective film helps promote long term color retention and maximum protection from wear and contaminants.

Available in 5-gal (19 liter) containers.

ASTM C-1315, Type 1, Class B

ASTM C-309, Type 1, Class A/B

## COLORGARD

Pigmented styrene/acrylate cure-and-seal compound designed to hide uneven color variations caused by non-uniform finishing operations on color concrete. COLORGARD does not contain wax and creates a uniform sheen as it seals and dust-proofs. Specify color and cement type when ordering. Available in 5-gal (19 liter) containers only. For a full list of colors refer to our "Colors in Concrete" Chart.

ASTM C-1315, Type 1, Class B

ASTM C-309, Type 1, Class B



# NON-SHRINK GROUTS

**Packaging:** Unless otherwise noted, non-shrink grouts are available in 50-lb (22.7 kg) bags

**Coverage:** One unit, bag or pail, will typically yield  $\frac{1}{2}$  ft<sup>3</sup> (0.01 m<sup>3</sup>) or cover 6 ft<sup>2</sup> at 1 in (0.6 m<sup>2</sup> at 25mm) thick.



## VIBROPRUF #11

High quality, general purpose, non-shrink, non-metallic grout and patching compound. Capable of developing high strength of 8,000 psi (55 MPa) and superior workability. **FDOT approved: S934-0004**

Also available in 50-lb (22.7 kg) pails.

ASTM C-1107, Grade A,B,C

Corp. of Engineers CRD C-588

Corp. of Engineers CRD C-621



## VIBROPRUF #20

Premium grade, high-strength, non-metallic, non-shrink grout specially formulated with natural aggregate and selective additives capable of providing 11,000 psi (76 MPa) compressive strength at 28 days.

ASTM C-1107, Grade A,B,C

Corp. of Engineers CRD C-588

Corp. of Engineers CRD C-621



## VIBROPRUF NS

All-purpose non-metallic, non-shrink grout formulated with specially selected sands and additives to produce a portland-cement based grout for all construction uses. Compressive strength exceeds 8,500 psi (59 MPa) in 28-days. Only available in bags.

ASTM C-1107, Grade A,B,C

# ANCHOR CEMENTS

**Packaging:** Unless otherwise noted, anchor cements are available in 50-lb (22.7 kg) pails.

**Coverage:** One 50-lb (22.7 kg) unit will typically yield  $\frac{1}{2}$  ft<sup>3</sup> (0.01 m<sup>3</sup>) of anchor cement.

## LAMBCO ANCHOR SEMENT

Portland cement based anchor cement for interior and/or exterior applications that produces high early strength as well as compressive strength in excess of 8,500 psi (58.6 MPa). Achieves initial set in 12-15 minutes and final set in approximately 1 hour.

ASTM C-109

ASTM C-157

ASTM C-293

ASTM C-496

## SUPER POR-ROK

Portland cement based anchor cement for exterior or interior applications that produces high early strength as well as compressive strength in excess 8,000 psi (55 MPa). Achieves initial set in 20 minutes and final set in 1 hour.

ASTM C-109

## POR-ROK

Non-shrink *gypsum* anchor cement for interior applications or well-protected exterior applications. In ready-to-use formulation. POR-ROK achieves a compressive strength in excess of 9,000 psi (62 MPa). Initial set occurs in 15 minutes and final set in 45 minutes.



Por-Rok is not designed for exterior applications subject to moisture.

As shown in these images, moisture may cause expansion and eventual blowout.



# RAPID SET PRODUCTS

## RAPID SET GROUT

Rapid Set Grout is an extra high-strength, fast-setting, non-shrink, multi-purpose grout. Reaches 3,000 psi (21 MPa) in one-hour, 5,000 psi (34 MPa) in one day. Attains 11,000 psi (76 MPa) compressive strength at 28 days.

Packaged in 55-lb (25 kg) bags.



# CONCRETE FORM RELEASES

**Packaging:** All liquid form releases are available in 55-gal (208 liter) drums or 5-gal (19 liter) pails.

**Coverage:** Coverage ranges from 600 to 1500 ft<sup>2</sup>/gal (14.7 to 36.8 m<sup>2</sup>/liter) dependant upon the type and porosity of the form surface.

## FORM RELEASE 88

### VOC COMPLIANT!

General purpose, petroleum-based concrete form release. May be used on all types of wood, metal, fiberglass and aluminum forms.

## FORM RELEASE GOLD

### VOC COMPLIANT!

High quality, chemically-reactive release suspended in low viscosity oil distillate. May be used on all types of wood, plastic, fiberglass or metal forms.

## FORM RELEASE WB

### VOC COMPLIANT!

Water-based form release agent. Nontoxic and formulated for projects in environmentally sensitive areas.


## LIQUID STAMP RELEASE

LS Release is a liquid stamp release agent used as an alternative to dry powder release agents. It is a chemical blend of evaporating, residue-free, colorless release agents used to keep texturing mats from adhering to plastic-consistency concrete. It forms a lubricating barrier separating the mats from the concrete surface. Coverage ranges from 140 to 160 sf/gal (3.4-3.9 m<sup>2</sup>/liter) depending on the type of form and porosity of the form surface.

## LAMBCO POWDER RELEASE

Special dry powder release agent for imprinted and/or patterned concrete using rubber tooled stamps.

Packaging: Available in:  
30-lb (13.6-kg) pails and  
2-lb (0.9 kg) cans.

Available in 13 colors to compliment, contrast, or "antique" dust-on color finishes. See the Surface Colors chart for color samples. Powder Release colors are marked with a  on the color chip.



# MISCELLANEOUS PRODUCTS

## LAMBCO MAKE/SET

Liquid accelerator and densifier for portland cement based concrete, plaster and mortar mixes. Calcium chloride based additive used to reduce water amount per mix and accelerate set time.

**ASTM C-494, Type C**

**ASTM D-98, Type L**

Packaging: 55-gal (208 liter) drums; 5-gal (19 liter) pails; 1-gal (3.8 liter) plastic jugs; 4 per case.



## LAMBCO TEXT

Micronized crystalline polymer, specially machined to provide slip-resistance to Lambert's concrete sealers and stains. Provides optimum nonabrasive slip-resistance without irritating sharp edges.

Packaging: 1-lb (0.5 kg) metal container; 1-qt (0.9 liter) by volume

Coverage: 1-lb per 5-gal (0.5 kg per 19 liter) container of sealer, stain or coating.

## SLOW DOWN

Slow Down is a 'ready-to-use' set-retarding liquid admixture for portland cement based systems. Dosage rate is dependent upon specific conditions of each project.

Start with 1-fl oz per 50-lb (29.6-ml per 22.7-kg) unit of cementitious material. Mix and let stand for two minutes before proceeding with installation. If too "stiff", repeat the process until acceptable. Do not use more than 8-fl oz (236.6-ml) total dosage.

Packaging: 1-gal (3.8 liter) jugs; 1/2-gal (1.9 liter) jugs; 1-qt (0.9 liter) jugs by volume.

## CITRUS CLEAN

Biodegradable cleaner and degreaser made from citrus peel oil, emulsifiers, and surfactants. Citrus Clean is designed for removing embedded oil, grease, wax, tire marks, and many acrylic resin based curing compounds and sealers.

Packaging: 55-gal (208 liter) drums; 5-gal (19 liter) pails.

Coverage: Ideally used for spot applications but, if applied uniformly, will cover approximately 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/liter), dependant upon porosity of substrate.

## LAMBCO SKIN

Evaporating retardant and finishing aid for concrete flatwork. Water-based and formulated with fugitive dye providing easy monitoring of application. It is compatible with curing compounds and will not alter the final color of the concrete. Lambco Skin is a concentrate and must be diluted with water prior to use.

Dilution Rate: 1 part Lambco Skin to 9 parts water

Packaging: Available in 5-gal (19 liter) pails only

Coverage: 150 to 250 ft<sup>2</sup>/gal (3.7 to 6.1 m<sup>2</sup>/liter).



## TOLUENE and XYLENE

Colorless aromatic hydrocarbon solvents used in the production of some of Lambert's sealers and for cleaning spray equipment.

Packaging: Each product available in 5-gal (19 liter) pails only.



# LATEX BONDING AGENTS

Packaging: Unless otherwise noted, bonding agents are available in 55-gal (208 liter) drums, 5-gal (19 liter) pails, or 1-gal (3.8 liter) plastic jugs; 4 per case. Refer to EPOXY section for structural (heavy-duty) bonding adhesives.

## ACRYLBOND

**NO VOC's!**

Premium acrylic latex admixture or surface applied bonding agent for concrete and plaster. Provides excellent water resistance and bond strength. Acrylbond will not "re-emulsify". It is produced at 30% to 32% solids by weight.

ASTM C-932

ASTM C-1042

ASTM C-1059, Type II (non-rewettable type)

Military Spec. MIL-B-19235C

## PVA-20

**NO VOC's!**

High quality "rewettable" bonding agent for plaster and concrete applications. Usable on interior and well-protected exterior applications. PVA-20 is produced at 40% to 42% solids by weight polyvinyl acetate/polyvinyl alcohol latex emulsion with "re-emulsifying" properties.

ASTM C-631

ASTM C-1059, Type 1 (rewettable)

## LAMBCO BOND

**NO VOC's!**

General purpose "rewettable" bonding agent for plaster. Lambco Bond is produced at 18% to 20% solids by weight polyvinyl alcohol/polyvinyl acetate latex emulsion with "re-emulsifying" properties.

## HIBOND

**NO VOC's!**

Premium quality "rewettable" bonding agent for plaster and some concrete applications. Usable on interior and well-protected exterior applications, Hibond is produced at 50% to 55% solids by weight polyvinyl acetate latex emulsion with "re-emulsifying" properties.

ASTM C-631

ASTM C-1059, Type 1 (rewettable type)

Military Spec. for MIL-B-19235C

GSA Spec. for Bonding Agents

Corp. of Engineers CE-240.01

## LAMBCO PRIMER

**NO VOC's!**

Bonding agent and/or admixture with portland cement based plaster and concrete applications not subject to constant water immersion. Lambco Primer is a milky white liquid that dries clear. It is the only "rewettable" product that meets the requirements of ASTM C-932. It also complies with the Type I and Type II requirements of ASTM C-1059.



## PRIMER L-16

**NO VOC's!**

Bonding agent/primer designed for use with L-16 Self Level Underlayment. This product is NOT the same as Lambco Primer. Refer to "Resurfacing Products" section for L-16 Self Level information.





# EPOXY PRODUCTS

**Packaging:** Unless otherwise noted, epoxy products are packaged as 2 or 3 component units where the "unit size" is the **sum** of its liquid components.

**Yield:** 1-gal (3.8 liters) of mixed epoxy material (with or without sand aggregate) will yield 230 in<sup>3</sup> (3,769 cm<sup>3</sup>) of material

**Coverage:** Approximately 100 ft<sup>2</sup>/gal on smooth surfaces (2.5 m<sup>2</sup>/liter)

## EPIWELD 560

100% solids, dual-component, low modulus gel epoxy resin system. Epiweld 560 is a structural gap-filling or binding adhesive that is moisture insensitive.

AASHTO M-235

ASTM C-881, Type III, Grade 3, Class B&C

**Florida D.O.T. Section 926, Types A, B, & F-1;**  
**categories: A192 & A631**

Packaging: Available in 1/2-gal (1.9 liter) and 2-gal (7.6 liter) units.

**FDOT approved: S926-0025 A; S926-0121 B**



## EPIWELD 580

100% solids, dual-component high modulus epoxy resin system. Epiweld 580 is a medium viscosity structural epoxy adhesive that is moisture insensitive.

ASTM C-881, Type I, II, IV, V, Grade 2, Class B&C

**Florida D.O.T. Types A, B, F-1, & E;**

**categories: A112, A191, A301, A617**

Packaging: Available in 1/2-gal (1.9 liter) and 2-gal (7.6 liter) units.

**FDOT approved: S926-0001 A; S926-0120 B**



## EPIWELD C-200

Dual-component coal-tar epoxy designed for the waterproofing and chemical-protection of concrete, steel and aluminum. Used on interior and exterior exposures in immersion conditions where the corrosion resistance characteristics of coal tar pitch and epoxy resins are necessary.

**Corp of Engineers C-200**

**Military Spec. MIL-P-23236**

**Steel Structures Painting Council SSPC #16**

Packaging: 5-gal (19 liter) units:

*Part A:* 4-gal (15.1 liters) resin; *Part B:* 1-gal (3.8 liters) hardener

Coverage: 90 ft<sup>2</sup>/gal at 16 mils (2 m<sup>2</sup>/liter at 0.4 mm) thickness.

## EPIWELD 9-N-10

Dual-component, 100% solids epoxy concrete bonding agent. Produced at medium viscosity and formulated for bonding fresh concrete or other materials to hardened concrete.

**Florida D.O.T., Type A & B; category A163**

Packaging: 3-gal (11.4 liter) unit; *Part A*, 2-gal (7.6 liter) resin; *Part B*, 1-gal (3.8 liter) hardener.

## EPIWELD 9-N-7

Triple-component epoxy aggregate system composed of resin, hardener, and silica quartz aggregate. The aggregate is used as a filler for topping or patching or can be broadcast onto the surface for slip resistance.

Packaging: 1-gal (3.8 liter) unit in three parts;

*Part A* 2/3-gal (2.5 liter) resin; *Part B*, 1/3-gal (1.3 liter) hardener;

*Part C*, 50-lbs (22.7-kg) aggregate.

## EPIWELD 9-N-11

Dual-component, 100% solids epoxy resin system in gel consistency. Formulated to produce a non-sag material ideal for use on vertical, overhead or flat surfaces.

**Florida D.O.T., Type A & B; category A164**

Packaging: Available in 2 unit sizes; 2-gal (7.6 liter) unit.

10-gal (37.8 liter) unit *by special order only*.

## EPOXY IN CARTRIDGES

### EPIWELD 4-CRACKS REPAIR EPOXY

Dual-component, clear/amber colored, moisture insensitive, structural epoxy adhesive packaged in auto-mixing dual-cartridge sets. 4-cracks is a 1-to-1 mix, 100% solids epoxy in a low viscosity formula with a high modulus of elasticity and fast set time. Achieves high results for compressive-, slant shear-, bond-, and tensile-strengths. Full cures in less than 40 hrs at 75°F (23.9°C).

**Nozzles sold separately.** Packaging: Case lots only. 12 cartridge sets per case.

Yield: Each cartridge set yields 16.5-fl oz (488 ml) per cartridge.



### EPIWELD 300

Dual-component, pre-measured auto-mix dual-cartridge of 100% epoxy gel. Specially designed nozzles ensure proper mixing and dispensing. Available in two convenient sizes shown below.

ASTM C-881, Type I, II, V, Grade 3, Class B&C

ICC and ICBO requirements also met.

**Florida D.O.T., Section 926; category A106**

**Georgia D.O.T., Section 886, Type III**

**Epiweld 300 is FDOT approved: S937-0106**

#### EPIWELD 300 DUAL (original size)

Pre-measured 22-fl oz (650.6 ml)

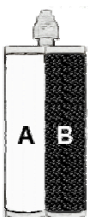
Use in Epiweld Dispensing Gun.

**Nozzles sold separately.**

Packaging: Case lots only.

12 cartridge sets per case.

Yield: Each cartridge set yields 22-fl oz (650.6 ml).



#### EPIWELD 300 SINGLE

Pre-measured 8.6-fl oz (254.3 ml)

Use single vertical cartridge in

standard caulking gun!

**2 part Nozzle included with each cartridge.**

Packaging: Case lots only. 20 cartridge sets per case.

Yield: Each cartridge set yields 8.6-fl oz (254.3 ml).



# RESURFACING PRODUCTS

## RENEW COAT

High quality, pre-packaged, thin cementitious repair and resurfacing material requiring only water to mix. Designed for interior and exterior use. Special formulation provides a fast set, open to foot traffic in 2 to 3 hours and vehicular traffic in 24 to 36 hours. Produces a "like new" appearance.

Available only in 40-lbs (18.1 kg), 5-gal (19 liter) pail.

Coverage: Squeegee method yields/covers up to 100 ft<sup>2</sup> (9.3 m<sup>2</sup>)



## TWO FORMULAS!



**FINE (F) Hard Trowel**  
Finer grit for smooth finish to feather edge/smooth texture  
Yields/covers 60-80 ft<sup>2</sup> (5.6-7.4 m<sup>2</sup>)  
at 1/16-in (1.6-mm) thick

Surface repairs can be steel-troweled or floated with sponge floats for uniform appearances.

Experienced finishers can make surface repairs faster, easier and more consistently with RENEW COAT



**COARSE (C) Broom Finish**  
Heavier grit for thicker applications/rough texture  
Yields/covers 70-90 ft<sup>2</sup> (6.5-8.4 m<sup>2</sup>)  
at 1/16-in (1.6-mm) thick



## LAMBCO L-16 SELF-LEVEL

Fast-drying, self-leveling, portland cement product for leveling and smoothing irregular surfaces. For exterior and interior applications from feather-edge to 2-in (50.8-mm) thicknesses. Polymer modified allowing for extended work-times and increasing adhesive strength.

**[Primer L-16 bonding agent recommended for proper adhesion.]**

Achieves 4,500 psi (31 MPa) compressive strength.

Packaging: 50-lb (22.7 kg) bags

Coverage: 30 ft<sup>2</sup> (2.8 m<sup>2</sup>) at 1/4-in (6.4-mm) thick.



## LAMBCO PLUG

**FORMULATED WITH NO CHLORIDES!**

Fast-setting, low-heat generating cementitious material, formulated heavily with chemical-setting additives, for repairing concrete structures under wet or damp conditions.

Packaging: 45-lb (20.4-kg); 20-lb (9.1-kg) pails; or 10-lb (4.5-kg) pails 4 per case.

Coverage: 45-lbs (20.4-kg) will yield 0.4 ft<sup>3</sup> (0.01 m<sup>3</sup>)



## WHITE PLUG

White pigmented hydraulic repair product for repair to concrete pool surfaces. Fast setting for quick repairs, cool handling temperatures. Initial set time ranging from 2-4 minutes and final set between 8-10 minutes.

Packaging: 45-lb (20.4-kg) or 10-lb (4.5-kg) pails.

Coverage: 45 lbs. (20.4 kg) will yield .4 cu. ft. (0.0125 m<sup>3</sup>)

### Warranty Notice - all Lambert products

LAMBERT CORPORATION (LAMBERT) products are designed to be used in the construction industry and should be applied by competent persons in accordance with current published instructions. LAMBERT cannot be held responsible for difficulty caused by other materials, conditions, or inferior workmanship. LAMBERT reserves the right to have the true cause of any defect determined using accepted test methods by an independent party. Any claim regarding product defect must be received in writing within one (1) year following date of shipment. No claim will be considered without such written notice or after the aforementioned specified time interval.

### Express Limited Warranty Limitation of Liability

Lambert Corp., ("Seller") warrants that if any goods supplied prove defective in workmanship or material, that Seller shall replace them or refund their purchase price. This warranty is made in lieu of any and all other warranties, expressed or implied, including warranties of merchantability and/or fitness which are hereby disclaimed. It is understood and agreed that buyer's sole remedy, and therefore Seller's liability, whether in contract, tort, under any warranty, in negligence or otherwise, shall be limited to the return of the purchase price paid by Purchaser or replacement of any defective goods sold by Seller. Under no circumstances shall Seller be liable for special, indirect, or consequential damages. Before application, the Purchaser/User shall determine the suitability of the product for his/her intended use and Purchaser/User assumes all risks and liabilities whatsoever in connection therewith. The terms of this paragraph may not be orally modified.



# RESURFACING PRODUCTS

## LAMBCO SPE-D-PATCH

Fast-setting, single component polymer-modified concrete patching compound requiring only the addition of clean mixing water or Lambert's Acrylbond. It provides superior workability, an initial set time of 12 minutes and final set of 45 minutes to allow molding and contouring of repair. Compressive strength exceeds 3,000 psi (20.7 MPa) at 1 day and 7,000 psi (48.3 MPa) at 28 days.

Packaging: 50-lb (22.7-kg) bags.

Coverage: 50-lbs (22.7-kg) will yield 0.45 ft<sup>3</sup> (0.01 m<sup>3</sup>) or cover 25 ft<sup>2</sup> at 1/4-in (2.3 m<sup>2</sup> at 6.4-mm) thick.

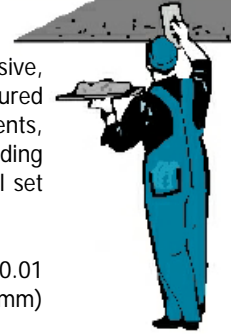


## LAMBCO FAST PATCH

Single component, fast-setting, non-corrosive, cementitious patching compound manufactured with special aggregates, high-strength cements, accelerators and an acrylic powder latex bonding agent. Initial set time is 5 minutes with a final set time of 10 minutes.

Packaging: 50-lb (22.7-kg) bags or pails

Coverage: 50-lbs (22.7-kg) will yield 0.45 ft<sup>3</sup> (0.01 m<sup>3</sup>) or cover 25 ft<sup>2</sup> at 1/4-in (2.3 m<sup>2</sup> at 6.4-mm) thick.



## LAMBCO VINYL PATCH

Single-component, self-bonding, cement-based patching material applicable in thicknesses from feather-edge to 4-in (101.6-mm). Suitable for interior or exterior applications. Initial set time is 10-15 minutes; final set in 35-40 minutes. Capable of supporting foot traffic in 4 hours.

Packaging: 50-lb (22.7-kg) bags or pails

Coverage: 50-lbs (22.7-kg) will yield 0.45 ft<sup>3</sup> (0.01 m<sup>3</sup>) or cover 25 ft<sup>2</sup> at 1/4-in (2.3 m<sup>2</sup> at 6.4-mm) thick.

## LAMBCO TILT COAT

Advanced surface repair system designed for resurfacing tilt-up concrete and other vertical "smoothing" and thin patching applications. It is a portland cement blend that produces a creamy and workable compound when mixed with clean potable water. Produces a hard flat surface. It can be placed over properly cleaned concrete substrates at thicknesses from feather-edge to 1/4-in (6.4-mm).

Packaging: 40-lb (18.1-kg) bags

Coverage: 40-lbs (18.1-kg) will yield 0.39 ft<sup>3</sup> (0.01 m<sup>3</sup>) or cover 20 ft<sup>2</sup> at 1/4-in (1.9 m<sup>2</sup> at 6.4-mm) thick.



## LAMBCO SEMENT PATCH SYSTEM

Dual-component resurfacing and patching compound consisting of cementitious ingredients and liquid acrylic bonding adhesive (*Lambco@ Sement Patch Liquid*) that are mixed together and used in leveling and resurfacing applications. Applied in thicknesses from feather-edge to 3/4-in (19.1-mm).

Packaging: Available in two sizes; #3-Unit, 40-lbs (18.1-kg) of dry mix with 1-gal (3.8 liter) of liquid bonding adhesive packaged together in a 5-gal (19 liter) pail, or #4-Unit, 80-lbs (36.3-kg) of dry mix with a 2-gal (7.6 liter) pail of liquid bonding adhesive; packaged separately.

Coverage: #3-Unit will yield/cover 50 ft<sup>2</sup> at 1/8-in (4.6 m<sup>2</sup> at 3.2-mm) thick. #4-Unit will yield/cover 100 ft<sup>2</sup> at 1/8-in (9.3 m<sup>2</sup> at 3.2-mm) thick.

## COLOR PATCH SYSTEM

Dual-component decorative water-based, colored-concrete finishing system. Factory prepared to cover existing concrete surfaces with a strong, tough-wearing protective surface that can match or provide a change of color.

Packaging: 40-lbs (18.1-kg) of dry mix with 1-gal (3.8 liter) pail of Color Bond liquid adhesive; both packed in a 5-gal (19 liter) pail.

Coverage: Yields/covers 50 ft<sup>2</sup> at 1/8-in (4.6 m<sup>2</sup> at 3.2-mm) thick.

# TIPS FOR BEST RESULTS



- Pressure wash the surface thoroughly to remove debris
- Clean and sound surface is necessary for proper adhesion
- Address crack repair issues separately (epoxy products may be necessary)
- Consider using a latex bonding agent before repair (where applicable)
- Pre-dampen / saturate slab before application of repair/resurface material
- Questionable surface? Make a test application before applying to entire surface
- Check the *Properties of Concrete Resurfacing* handout for selection assistance





**Visit [www.LambertUSA.com](http://www.LambertUSA.com)**

- **Online color charts**
- **Specification sheets (more product detail)**
- **Material Safety Data Sheets**
- **Product selection charts**
- **Frequently Asked Questions (FAQ)**
- **and other reference literature**

