



PREMIERE CONCRETE SOLUTIONS



LUSTER™

PRODUCT DATA

DESCRIPTION

Luster is an elite, super high gloss, non-yellowing, curing and sealing compound. **Luster's** premium performance is obtained through an advanced state-of-the-art formulation. **Luster** creates the highest gloss and durability, because it totally resists discoloration to ultraviolet light, it will never yellow. **Luster** creates a chemically bonded siliconized acrylic film over the concrete, which enriches the color and enhances the look of decorative or pigmented concrete. **Luster's** unique formula makes it extremely resistant to abrasion and retains its original appearance 2 to 3 times longer than many standard concrete sealers. Although **Luster** was formulated for the decorative and pigmented market it can be used with other concrete applications. **Luster** eliminates concrete dusting, while protecting concrete against salt and water penetration. **Luster** will retard efflorescence while resisting oil, grease and food stains.

FEATURES / BENEFITS

- **Luster** will never discolor or yellow from exposure to ultraviolet light. The high gloss produced by **Luster** can last up to 75% longer.
- **Luster** meets ASTM C1315 curing standards.
- **Luster** optimizes concrete strength development while minimizing cracking.
- **Luster** enriches the original color of decorative or pigmented concrete.
- **Luster** will harden, and dustproof concrete as well as retard efflorescence.
- **Luster** seals the concrete in turn protecting surfaces against deicing chemicals, fertilizers, salts, grease, oil, alkalis, mild acids and detergents.

TECHNICAL NOTE

Luster has been tested for gloss retention and non-yellowing against standard concrete sealers with the following results.

YELLOWING INDEX

After 1,000 hours QUV exposure
Equivalent to approx. 10 years of Florida sunlight
(All panels begin with 0 yellow rating)
(Visible yellowing begins at 3.00)

| | Yellowing |
|------------------------|-----------|
| Luster | 0.00 |
| Moisture Cure Urethane | 3.00 |
| Pure Acrylic | 4.77 |
| Styrene Acrylic | 9.48 |

GLOSS RETENTION

After 1,000 hours QUV exposure
(All panels begin with 95 gloss rating)

| | Gloss | %Original |
|------------------------|-------|-----------|
| Luster | 90 | 95% |
| Moisture Cure Urethane | 79 | 83% |
| Pure Acrylic | 74 | 77% |
| Styrene Acrylic | 55 | 58% |

SPECIFICATION COMPLIANCE

- ASTM C-1315, Type I, Class A & B
- ASTM C-309, Types I, Class A & B
- AASHTO M-148, Type I & ID, Class A & B
- USDA approved, when cured, for incidental contact

V.O.C. content: 685 gm/L
Moisture retention (ASTM C-156) 0.035 gms/cm²
Flash Point: Over 1050F (40.60C.)
Drying time@ 700F (210C) and 50% relative humidity

| | |
|--------------------|------------|
| Dust free | 45 minutes |
| Hard film | 2 hours |
| Light foot traffic | 8 hours |
| Max. hardness | 7 days |



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PACKAGING

Luster is available in 5 U.S. gallon (18.9 liter) metal pails, and 55 U.S. gallon (208 liter) drums.

COVERAGE*

*Coverage is dependent upon surface texture and porosity. To extend coverage rate of stamped or textured finishes it is recommended to use a brush.

| | Ft.2/gal | M2/L |
|------------------|-----------|-------|
| Curing | 250 - 300 | 6 - 8 |
| Sealing Concrete | | |
| First Coat | 250 -350 | 6 - 8 |
| Second coat | 400-450 | 9 -11 |

Avoid excessive build-up, thicker applications may lead to improper sealer performance.

DIRECTIONS

MIXING: Do not dilute. **Luster** is packaged ready to use and requires no mixing.

APPLICATION: Always test application in a small area to verify appearance. In cold temperatures (below 500F), warm material to room temperature to ease application. In hot weather avoid applying in direct sunlight or in windy conditions. In hot weather, apply **Luster** early in the morning or in late evening. Application in direct sunlight or hot weather could result in bubbling at the surface, especially in areas that were applied heavily. Apply using a short nap solvent resistant roller or brushes. When sealing hard stamped or textured surfaces it is recommended to use a brush in order to extend coverage and prevent puddling or build up in crevasses. Spray equipment may be used by experienced applicators. If spraying, use a low-pressure sprayer equipped with a fan nozzle and a .030-.040 orifice tip. Hold sprayer tip 6- 8 inches (15-20 cm) from the surface of the concrete. Apply uniformly leaving no pinholes or gaps.



CURING: Apply **Luster** after all bleed water has dissipated. For maximum gloss and protection, apply a second sealer coat after curing process is completed (minimum 28 days later).

SEALING: After concrete has fully cured, pressure wash thoroughly with strong alkaline detergent removing any dirt, waxes, or other contaminants that prevent adhesion. Allow the surface to dry before application of **Luster**. For best protection and highest gloss, apply two thin coats of **Luster**. Allow first coat to dry tack free before application of second coat.

CLEANUP

Clean tools immediately after use with xylene, xylol, or toluene.

STORAGE

Store tightly closed containers away from direct sunlight and sources of heat or flame. Shelf life is one year from date of manufacture.

PRECAUTIONS / LIMITATIONS

- **Luster** should not be used on surfaces to receive concrete overlays or toppings.
- Not resistant to gasoline, hydraulic fluids.
- Do not use in areas subjected to hot grease or cooking oils including peanut oil.
- Do not use as a bond breaker for tilt up construction.
- Do not apply to joints or channels scheduled to receive elastomeric caulks.
- Do not use if ambient or surface temperature is below 400F (40C). For best results, condition material to a minimum of 500F (100C) prior to application.
- Quality curing or sealing compounds and floor treatments darken or highlight the subtle color variations naturally present in concrete.
- Do not apply over bleed or standing water.
- A slip resistant additive should be considered on traffic areas that would be subject to wet barefoot traffic such as pool decks.

This Product is formulated and labeled for Industrial and Commercial Use only. For best results and safest usage, user is specifically directed to consult the current material safety data sheet and package label for this product.

Premiere Concrete Solutions warrants its products to be free of manufacturing defects and that they will meet Premiere Concrete Solutions current published physical properties when applied in accordance with Premiere Concrete Solutions directions and tested in accordance with ASTM and Premiere Concrete Solutions standards. Premiere Concrete Solution makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and Premiere Concrete Solutions shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. In no case shall we be liable for consequential or special damages. Even if we have been advised of the possibility of such damages. The foregoing warranties are in lieu of all other warranties, guarantees, co-conditions and representations, either expressed or implied, whether arising under any statute. Common Law, usage or trade, course of dealing or otherwise, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.