

Luster™ X



DESCRIPTION

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

FEATURES/BENEFITS

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

SPECIFICATIONS

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

V.O.C. content:	Less than 350 g/l
Moisture retention (ASTM C-156)	0.035 gms/cm ²
Flash Point:	40°F
Drying time@ 70°F (21°C) and 50% relative humidity	
Dust free	45 minutes
Hard film	2 hours
Light foot traffic	8 hours
Max. Hardness	7 days

TECHNICAL NOTE

Luster X 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 X	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 X	90	95%
Moisture Cure Urethane	79	83%
Pure Acrylic	74	77%
Styrene Acrylic	55	58%



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Luster™ X

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.

PRECAUTIONS/LIMITATIONS

- **Luster X** should not be used on surfaces to receive concrete overlays or toppings.
- Not resistant to gasoline or 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 40°F (4°C). For best results, condition material to a minimum of 50°F (10°C) 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.

DIRECTIONS

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

APPLICATION: Always test application in a small area to verify appearance. In cold temperatures (below 50°F), 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 X** 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 crevices. 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 X** 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 X**. For best protection and highest gloss, apply two thin coats of **Luster X**. Allow first coat to dry tack-free before application of second coat.



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.

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Luster™ X

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.

PACKAGING

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

CAUTIONS

COMBUSTIBLE LIQUID: Keep away from heat or open flame. Use with adequate ventilation. May cause skin, eye and respiratory tract irritation; keep out of reach of children.



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