

LUSTER SEAL® WB 150, WB STD, WB 300

NON-YELLOWING WATER BASED CONCRETE CURE AND SEAL

DESCRIPTION

LUSTER SEAL WB is a water based curing and sealing compound. It is resistant to yellowing from sunlight exposure non-flammable and ready to use. When used as a curing compound LUSTER SEAL WB helps control hydration of the cement by preventing rapid loss of moisture through the surface of newly placed concrete. As a sealer on concrete, exposed aggregate concrete, and other decorative concretes, LUSTER SEAL WB is designed to protect and give a "wet look". LUSTER SEAL WB is available in three formulations, LUSTER SEAL WB 150, WB Standard, and WB 300.

PRIMARY APPLICATIONS

- Stamped concrete driveways
- Patios
- Garages
- Commercial buildings

FEATURES/BENEFITS

- Low odor
- Interior/exterior
- Can contribute to LEED points
- Outstanding resistance to dirt and attack by air pollutants

TECHNICAL INFORMATION

Material Properties @75°F 50% RH

	WB 150	WB STD	WB 300
Viscosity	5 to 15 cps	25 to 50 cps	40 to 100 cps
VOC content	< 140 g/L	< 140 g/L	< 140 g/L
Initial dry time	1 hour	1 hour	1 hour
Recoat time	2 to 4 hrs	2 to 4 hrs	2 to 4 hrs
Abrasion resistance		.012 gms	.010 gms
CS-17, wheel		weight loss	weight loss
1000 gms/1000 cycles			
Gloss (1 to 2 coats)	low sheen	med sheen	glossy

PACKAGING

LUSTER SEAL WB is packaged in 55 gal (208 L) drums, 5 gal (18.9 L) pails and 1 gal (3.79 L) containers.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ASTM C 1315, Type 1, Class A (WB 300)
- AASHTO M 148 Type 1
- ASTM C 309, Type 1, Class A & B
- USDA compliant

COVERAGE

Application	WB 150	ft ² /gal (m ² /L) WB STD	WB 300
Cure/seal new concrete	150 to 200 (3.7 to 4.9)	200 to 300 (4.9 to 7.4)	300 to 400 (7.4 to 9.8)
Seal/dustproof old concrete	200 to 250 (4.9 to 6.1)	200 to 300 (4.9 to 7.4)	300 to 400 (7.4 to 9.8)

The following coverage rates are approximate and for estimating purposes only. Make test applications on actual surfaces to determine exact coverage rates. Additional coats can be used to alter gloss or appearance.

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Non-Yellowing Water Based Concrete Cure and Seal

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An **RPM** Company



DIRECTIONS FOR USE

Surface Preparation: Existing Concrete: Surface must be structurally sound, clean, free of dust, dirt, laitance, efflorescence, curing compound, paint, oil, grease and other contaminants. Prior to application, surface defects, voids, cracks and joints should be properly treated and repaired. Concrete may be damp, but must be free of standing water. If acid has been used to clean the surface, neutralize the surface prior to using LUSTER SEAL WB. Always test surface pH to insure all acid has been neutralized prior to application.

Freshly Placed Concrete: Horizontal surface must be finished and show no surface "sheen" from the moisture. The surface must be able to withstand walking workmen.

Mixing: LUSTER SEAL WB normally requires no mixing. If required, use slow speed mixing without aeration.

Application: Apply LUSTER SEAL WB in a uniform, continuous film by sprayer, short napped roller or brush.

Freshly Placed Concrete: Apply a full, even coat of LUSTER SEAL WB ensuring complete and uniform coverage of the surface. Use an applicator or roller to pick up puddles or excess material from the surface. A second coat may be applied depending upon the desired surface gloss. A delay of 24 hours is recommended before application of the second coat. If the delay between the first and second coat results in the contamination of the surface, the surface must be thoroughly cleaned before the application of the second coat.

Existing Concrete: Apply a full, even coat of LUSTER SEAL WB using a sprayer, roller or brush. A second coat may be applied as soon as the first coat has dried 2 to 4 hours at 75 F (24°C). The surface porosity and the amount of surface sheen desired determines the selection of material for the second coat. The coated concrete can usually be opened to foot traffic in 8 to 12 hours, with maximum surface hardness developed within 7 to 10 days. A light maintenance coat is recommended every 1 to 2 years depending on usage.

CLEAN-UP

Clean up tools and equipment with water or a blend of water/butyl cellosolve. Dried product is very difficult to remove.

PRECAUTIONS/LIMITATIONS

- Store between 50°F to 90°F (10°C to 32°C).
- Protect from freezing.
- Before applying the LUSTER SEAL WB to the entire surface, test small area to verify sealers appearance and penetration ability.
- Do not use on glazed, very dense surfaces or over ceramics.
- Applications which result in excess material on the concrete surface may result in an uneven, "splochy" appearance after cure.
- Heavy applications, applying in cool or cold weather, or prolonged exposure to moisture may cause this product to have a milky appearance. Drying will allow the product to become clear again.
- High humidity conditions and very hot/windy days will adversely affect drying and performance of the sealer.
- Do not apply if rain or heavy fog is likely within 8 to 12 hours after application.
- The sealer is not intended to seal floors exposed to underground water.
- Do not apply LUSTER SEAL WB to frost filled or frozen surfaces.
- The sealer may darken the surface and may highlight surface imperfections.
- Do not allow to freeze. Use adequate ventilation during application and cure.
- Do not apply below 45°F (7°C).
- For stamped concrete be sure to test the compatibility with the stamp release compound and colorant.
- Surface must be neutralized after acid staining.
- In all cases, consult the Material Safety Data Sheet before use.

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