



# LUSTER SEAL WB

## WATER-BASED, NON-YELLOWING CURE & SEAL FOR CONCRETE

### PACKAGING

55 gal (208 L) drums

Code: THWB150555 (WB 150)

Code: THWB300555 (WB 300)

5 gal (18.9 L) pails

Code: THWB150505 (WB 150)

Code: THWB300505 (WB 300)

1 gal (3.8 L) jugs (6 jugs per case)

Code: THWB150501 (WB 150)

Code: THWB300501 (WB 300)

### CLEAN UP

Warm, soapy water

(see "Clean-Up and Removal")

### SHELF LIFE

2 years when stored properly

### SPECIFICATIONS/COMPLIANCES

- ASTM C1315, Type 1, Class A (WB 300 only)
- ASTM C309, Type 1, Classes A & B (WB 150 and 300)
- AASHTO Specification M 148, Type 1, Classes A & B

### DESCRIPTION

LUSTER SEAL WB is a water-based, pure acrylic sealer for concrete that is resistant to yellowing due to UV exposure. 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 concrete, LUSTER SEAL WB is designed to protect and give a "wet look". LUSTER SEAL WB is available in two formulations: LUSTER SEAL WB 150 and LUSTER SEAL WB 300.

### PRODUCT CHARACTERISTICS

#### FEATURES/BENEFITS

- Non-yellowing, medium-gloss sealer provides protection and improved appearance to concrete
- Low odor
- Complies with Federal AIM rule VOC regulations, and with VOC standards in the OTC and LADCO states

#### COMMON METHODS

- Industrial pump-up sprayer with high solids-nozzle
- Short-nap roller

#### PRIMARY APPLICATIONS

- Concrete driveways, sidewalks, floors
- Stamped, stenciled, colored, acid stained concrete
- Concrete pavers and precast units
- Cultured stone

#### APPEARANCE

LUSTER SEAL WB 150 and 300 are a milky white liquid in their containers. After application and drying, LUSTER SEAL WB 150 and 300 will slightly darken concrete. LUSTER SEAL WB 150 has a low-gloss finish and LUSTER SEAL WB 300 has a higher-gloss finish. A small test area is strongly recommended to confirm appearance prior to beginning full application.

### COVERAGE

Luster Seal WB 150 Application	1 <sup>st</sup> Coat - ft <sup>2</sup> /gal (m <sup>2</sup> /L)	2 <sup>nd</sup> Coat - ft <sup>2</sup> /gal (m <sup>2</sup> /L)
Curing & Sealing Fresh Concrete	150 to 200 (3.7 to 4.9)	200 to 300 (4.9 to 7.4)
Sealing or Re-sealing Existing/Cured Concrete	200 to 250 (4.9 to 6.1)	250 to 350 (6.1 to 8.6)
Luster Seal WB 300 Application	1 <sup>st</sup> Coat - ft <sup>2</sup> /gal (m <sup>2</sup> /L)	2 <sup>nd</sup> Coat - ft <sup>2</sup> /gal (m <sup>2</sup> /L)
Curing & Sealing Fresh Concrete	300 to 400 (7.4 to 9.8)	300 to 400 (7.4 to 9.8)
Sealing or Re-sealing Existing/Cured Concrete	300 to 400 (7.4 to 9.8)	300 to 400 (7.4 to 9.8)

**Note:** Coverage rates are approximate. Actual coverage depends on temperature, texture, and substrate porosity. **Avoid excessive build-up of sealer, as this may cause discoloration and/or poor product performance.**

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## TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

	<b>Luster Seal WB 150</b>	<b>Luster Seal WB 300</b>
Drying Time	1 hour	1 hour
Recoat	2 to 4 hours	2 to 4 hours
Foot Traffic	4 to 6 hours	4 to 6 hours
Wheel Traffic	6 to 10 hours	6 to 10 hours
VOC Content	123 g/L	200 g/L
Solids Content (by weight)	15%	25%
Moisture Loss ASTM C156	< 0.55 kg/m <sup>2</sup>	< 0.40 kg/m <sup>2</sup>

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## DIRECTIONS FOR USE

**Surface Preparation:** For existing concrete, the surface must be clean of any and all surface contaminants, and free of standing water. If applying LUSTER SEAL WB to previously sealed concrete, call Euclid Chemical to check compatibility. If the chemical makeup of the previous sealer is unknown, a small test section is strongly recommended to check compatibility between LUSTER SEAL WB and the old sealer. When applying LUSTER SEAL WB to freshly poured concrete as a cure & seal, the surface bleed water must be allowed to evaporate prior to applying LUSTER SEAL WB, and the surface must be hard enough as to not be marred during product application.

**Mixing:** LUSTER SEAL WB requires no pre-blending prior to use. Euclid Chemical water-based cure & seals, like LUSTER SEAL WB, are not compatible with Euclid Universal Color Packs or Euco Grip. If use of color or slip-resistant additive is desired, consider using a Euclid Chemical solvent-based cure & seal instead.

**Application:** Apply at the recommended coverage rate using an industrial pump-up sprayer with a high-solids nozzle and a short-nap roller. Apply sealer uniformly to the concrete using sprayer, then lightly backroll the sealer to ensure even coverage. Maintain a "wet edge" while spraying, and backroll over sprayer lap marks for best appearance. LUSTER SEAL WB may be applied by roller alone, but extra care must be taken to ensure that the sealer is applied uniformly, and at the proper coverage rate. Re-distribute any puddles or runs before LUSTER SEAL WB dries. Protect freshly coated surfaces from rain or heavy fog for a minimum of 24 hours after application.

Application of LUSTER SEAL WB too heavily, in too many successive coats, or in multiple coats from re-sealing too frequently can cause failure to dry completely, bubbling, whitening, peeling, flaking, and ultimately, failure of the product. To prevent over-application, it is good practice to measure the area to be sealed and then measure the corresponding volume of product required based on the coverage rate. In addition, applying LUSTER SEAL WB in hot weather/direct sunlight or onto a hot surface can cause bubbling.

For additional guidance in applying Euclid Chemical curing and sealing compounds, visit our website to see an instructional video on the procedure.

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## CLEAN-UP AND REMOVAL

Tools and equipment may be cleaned with warm, soapy water immediately following use. Clean drips and overspray with warm, soapy water while still wet. Run warm, soapy water through spray equipment to remove residual materials and prevent clogging of nozzle in future use. If not cleaned immediately, the sealer may leave an unwanted residue on painted surfaces, glass, or wood.

Hardened/dried LUSTER SEAL WB may be removed with a strong solvent such as xylene/xylol or MEK (always follow package directions and warning labels). EUCO CLEAN & STRIP is a citrus-based stripper that may also be used to remove this product. Alternatively, the product can be removed by sand blasting or other mechanical means.

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## PRECAUTIONS/LIMITATIONS

- Store LUSTER SEAL WB indoors, protected from moisture, at temperatures between 50 °F and 90 °F (10 °C and 32 °C)
- Surface and ambient temperature during coating applications should be between 45 °F and 95 °F (7 °C and 35 °C)
- Material temperatures should be at least 50 °F (10 °C) and rising
- Do not apply LUSTER SEAL WB to frost-filled or frozen substrates
- Do not apply LUSTER SEAL WB in hot direct sunlight
- Do not apply LUSTER SEAL WB over bleed water or free-standing water
- Do not apply LUSTER SEAL WB if rain or heavy fog is expected within 24 hours of application
- Do not thin LUSTER SEAL WB
- LUSTER SEAL WB is not resistant to gasoline or other automotive fluids Salt water environments, including salt water pool decks, are harsh on sealers. Please contact your Euclid Chemical sales representative for recommendations.
- Do not apply adhesive tape to sealed surfaces as delamination may occur.
- LUSTER SEAL WB will enhance color and darken substrates
- Excessive build up of LUSTER SEAL WB or puddling of the product during application can lead to failure to dry completely, bubbling, whitening, peeling and/or flaking of the sealer, and discoloration of the concrete
- Applying thicker than recommended, applying in cool/cold weather, prolonged exposure to moisture (high humidity, rain), or lack of air flow may result in the sealer remaining soft/wet/tacky for longer than the times found on this data sheet
- When floor covering adhesives will be used following LUSTER SEAL WB application, a test area is recommended to ensure compatibility of the adhesive with LUSTER SEAL WB
- Application of a test area is strongly recommended to confirm final appearance and texture of the product with the end user
- In all cases, consult the product Safety Data Sheet before use

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