

CRYSTAL CLEAR® SEAL 30 SB

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Supersedes all previous publications



Product Description

CRYSTAL CLEAR® SEAL 30 SB is a 30%-solids solvent-based uv-stable concrete curing and sealing compound formulated using styrene-acrylate resin and available in gloss, semi-gloss, and matte finishes. CRYSTAL CLEAR® SEAL 30 SB is used for curing and sealing of all types of cementitious based substrates. The high quality film-forming qualities of CRYSTAL CLEAR® SEAL 30 SB make it an ideal product for interior or exterior use on all types of flooring, walls, pavements, and parking decks.

Installation

Before using this product, please refer to the Material Safety Data Sheet for additional information. Proper handling precautions MUST be followed. The conditions of use, handling, and application of this product and information (whether verbal or written), including any suggested formulations and recommendations, are beyond Lambert Corporation's control. Therefore, it is imperative that testing be performed to determine satisfaction and suitability for intended use and health, safety, and environmental issues. The following information is meant as a guideline of best industry practices. While Lambert Corporation does suggest adherence to these guidelines, unforeseeable variables and/or developed successful installer practices may cause variation in methods and/or results. Proper application is the responsibility of the user. Field visits by Lambert Corporation personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Surface Preparation

Surfaces must be thoroughly cleaned, dry, and free of all debris and standing water. Contact Lambert Corporation for recommendations on the removal of pre-existing products that may cause adhesion issues with CRYSTAL CLEAR® SEAL 30 SB. Always apply sample area to determine bond and compatibility.

Mixing

Do not dilute or alter product. Always agitate liquid curing and sealing compounds thoroughly prior to use.

Application

Apply a uniform film, at 200-400 ft² per gallon (4.9-9.8m²/L) depending upon porosity of surface, with approved sprayer, brush, or roller, with smooth concrete requiring lamb's wool applicator or short-nap roller. For new concrete, apply as soon as possible following final finish of substrate. Apply second application immediately following the completion of all project work to be performed on or over the surface for best performance. Curing compounds such as CRYSTAL CLEAR® SEAL 30 SB, when applied at lower temperatures, such as 50-60°F (10-15.6°C), will appear cloudy or whitish but will clear upon drying.

Limitations

Keep from freezing. DO NOT apply when concrete surfaces or ambient temperatures are below 50°F (10°C). Allow for proper ventilation of project area, both during and following application of CRYSTAL CLEAR® SEAL 30 SB. Cementitious overlays and toppings will not bond to CRYSTAL CLEAR® SEAL 30 SB treated surfaces. CRYSTAL CLEAR® SEAL 30 SB should never be applied over standing water, bituminous asphalt, resilient tiles, or areas to be caulked with elastomeric joint sealants. DO NOT apply in conditions where rain is forecasted within 48-hours following application. DO NOT apply in presence of areas containing comestibles; remove all such items prior to use. Application of curing and sealing compounds such as CRYSTAL CLEAR® SEAL 30 SB can affect skid resistance of surfaces. In areas such as pool and patio decks that will come into contact frequently with water, it is best to add LAMBCO® TEXT (see LAMBCO® TEXT Technical Data Sheet) texturing additive.





Technical Information

CRYSTAL CLEAR® SEAL 30 SB will offer temporary protection to aliphatic solvent spillages but is not designed for areas where continuous spillages of petroleum products may be expected

Applicable Standards

ASTM C-1315 - Type 1 - Class A

ASTM C-309 - Type 1 - Class A&B
AASHTO M148 - Type 1 - Clear

Solid Content	30% by Weight	
Dry Time - 65-85°F (18.3-29.4°C)	Tack Free	60 Minutes
	Light Traffic	2-4 Hours
	Normal Traffic	24-36 Hours
	Maximum Hardness	72 Hours

Chemical Resistance	10% Sulfuric Acid	Excellent
	10% Hydrochloric Acid	Excellent
	10% Nitric Acid	Excellent
	40% Sodium Hydroxide	Excellent
	100% Vegetable Oil	Excellent
	100% Mineral Oil	Excellent
	Aliphatic Solvents	Good
	Hydraulic Oil	Poor
	Aromatic Solvents	Poor
	Gasoline	Poor

Coverage

200-400 ft² per gallon (4.9-9.8m²/L) depending upon porosity of surface

Clean-Up

Refer to CRYSTAL CLEAR® SEAL 30 SB Material Safety Data Sheet where applicable. Clean tools, sprayers, and other equipment as suggested by manufacturer.

First Aid

Avoid contact with skin and wash exposed skin areas promptly with soap and water. If any product gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention. Avoid overexposure to the airborne dust. If inhalation occurs, remove to fresh air area and seek medical attention if required. Refer to product Material Safety Data Sheet for further information.

VOC Content

603.8-g/L or 5.04-lbs/gal less exempt content

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.