

Product Description

CRYSTAL CLEAR® SEAL GRAY is a solvent-based UV-stable pigmented concrete curing and sealing compound formulated using styrene-acrylate resin. **CRYSTAL CLEAR® SEAL GRAY** is used for creating a uniform pigmented surface, dustproofing, reducing efflorescence, enhancing color, and curing and sealing of all types of cementitious based substrates, and is available in Lambert's identification of the color for 'Standard Gray Concrete'. The high-quality film-forming properties of **CRYSTAL CLEAR® SEAL GRAY** make it an ideal product coating for pigmented substrates, whether interior or exterior, such as flooring, walls, pavements, garages, driveways, and parking decks.

Installation

Before using this product, please refer to the 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. Transportation, storage, means of utilization, and methods of application are not the responsibility of, nor within the scope of control of Lambert Corporation, and any question regarding the appropriate application of these products must be addressed with Lambert Corporation representatives prior to use. 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 or coatings that may cause adhesion issues with **CRYSTAL CLEAR® SEAL GRAY**. Always apply sample area to determine bond and compatibility.

Mixing

Do not dilute or alter product. All solid-pigmented coatings such as **CRYSTAL CLEAR® SEAL GRAY** require mechanical mixing prior to each use. Manual blending is not acceptable. Keep product agitated during extended timeframe usage.

Application

Apply a uniform film, at approximately 300-ft² per gallon (7.4-m²/L) depending upon porosity of surface, with approved spraying equipment, brush, or roller, with smooth concrete requiring lamb's wool applicator or short-nap roller. For newly-placed concrete, allow 8-12 hours from time of placement, based on ambient conditions, prior to applying the **CRYSTAL CLEAR® SEAL GRAY**. Apply second application, and subsequent coats for color compliance, in accordance with proper surface preparation, immediately following the finalization of all project work to be completed on or over the surface for best performance.



Limitations

Allow for proper ventilation of project area, both during and following application of **CRYSTAL CLEAR® SEAL GRAY**. Cementitious overlays and toppings will not bond to **CRYSTAL CLEAR® SEAL GRAY** treated surfaces. **CRYSTAL CLEAR® SEAL GRAY** 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 GRAY** can affect skid resistance of surfaces. In areas such as pool and patio decks that will come into contact frequently with water, add LAMBCO® TEXT (see LAMBCO® TEXT Technical Data Sheet) texturing additive to provide appropriate slip resistance for a safe environment. Do not over-apply or apply **CRYSTAL CLEAR® SEAL GRAY** in channels to be caulked with elastomeric sealants. Surface temperature must be at least 5°F (2.78°C) above dew point temperature. Ambient or surface temperatures exceeding 100°F (37.78°C) may prevent the product from achieving satisfactory bond with the substrate. Lambert Corporation is not responsible for color selection in any situation nor responsible for process maintenance during use and has no obligation to involve itself during these parts of the project.

Applicable Standards

Dry Time - 70-80°F (21.1-26.7°C)	Tack Free	60-120 Minutes
	Normal Traffic	24-36 Hours
	Maximum Hardness	72-96 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	Poor
	Hydraulic Oil	Poor
	Aromatic Solvents	Poor
	Gasoline	Poor

Coverage

200-ff² per gallon (4.9-m²/L) depending upon porosity of surface.

Clean-Up

Refer to **CRYSTAL CLEAR® SEAL GRAY** 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 Safety Data Sheet for further information.

VOC Content

Approximately 543.8-g/L or 4.54-lbs/gal or lower less exempt content

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