

## Consolideck<sup>®</sup> LSGuard<sup>®</sup> Protective Treatment Specification

*Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured by PROSOCO, Inc. and should not be viewed as a complete source of information about the product(s). The Architect should always refer to the Product Data Sheet and MSDS for additional recommendations and for safety information.*

*Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.*

### Test Area

Test a minimum 4 ft. by 4 ft. area on each type of masonry. Use the manufacturer's application instructions. Let test area protective treatment cure before inspection. Keep test panels available for comparison throughout the protective treatment project.

*Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.*

**Manufacturer:** PROSOCO, Inc., 3741 Greenway Circle, Lawrence, KS 66046. Phone: (800) 255-4255; Fax: (785) 830-9797. E-mail: CustomerCare@prosoco.com

### Product Description

Consolideck<sup>®</sup> LSGuard<sup>®</sup> is a copolymer formulation that improves the surface sheen and stain resistance of conventional concrete, hardened concrete or cement terrazzo floors. Surfaces treated with LSGuard<sup>®</sup> resist damage from water, chemical attack and surface abrasion.

Ideal for application to standard grey or colored concrete, Consolideck<sup>®</sup> LSGuard<sup>®</sup> protects and enhances the color intensity of integrally colored and color stained concrete. LSGuard<sup>®</sup> provides a long lasting, high gloss finish that maximizes light reflectance and eliminates the need for floor waxes, liquid polishes and conventional resin based coatings. Consolideck<sup>®</sup> LSGuard<sup>®</sup> will not trigger or contribute to surface ASR (Alkali Silicate Reaction).

### Typical Technical Data

FORM: Milky White Liquid  
SPECIFIC GRAVITY: 1.11  
pH: 11.0  
WEIGHT/GALLON: 9.2 pounds  
ACTIVE CONTENT: 22 percent  
TOTAL SOLIDS: 22 percent  
VOC CONTENT: less than 100 grams per Liter. Complies with all known national, state and district AIM VOC regulations.  
FLASH POINT: not applicable  
FREEZE POINT: 32 degrees Fahrenheit (0 degrees Celsius)  
SHELF LIFE: 1 year in unopened, factory-sealed container

### Limitations

- For indoor use only.
- Not for use on surfaces exposed to standing or pooling water.

*Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.*

### Application

Before applying, read "Preparation" and "Safety Information" sections in the Manufacturer's Product Data Sheet for Consolideck<sup>®</sup> LSGuard<sup>®</sup>. Refer to the Product Data Sheet for additional information about application of LSGuard<sup>®</sup>. Do not dilute when applying to cured concrete or cured and honed concrete. Dilute with up to one part fresh water when applying to polished or highly polished concrete.

SPECIFIER NOTE: Consolideck® LSGuard® may be applied to steel troweled, honed, polished or highly polished concrete surfaces. For best results, treat floors with Consolideck® LS® or LS/CS® before application of LSGuard®.

1. Lightly wet a clean microfiber pad with LSGuard® and wring out excess, leaving the pad damp.
2. Working from one control joint to another, apply a light, fine spray of LSGuard® to a small section of the floor using a clean, pump-up sprayer fitted with a 0.5 gallon-per-minute spray tip.
3. Using the damp microfiber pad and firm downward pressure, immediately spread the LSGuard® to produce a thin, even coating. Spread the product as far as possible while maintaining a wet edge. Properly applied, LSGuard® dries quickly. Stop spreading once drying begins. Avoid overlapping.
4. Allow to dry tack free, typically 20 to 60 minutes.
5. Once dry, burnish LSGuard® using a high-speed burnisher fitted with a Consolideck® Heat Burnishing Pad or equivalent polishing pad suitable for use on high-gloss finishes. In addition to smoothing and polishing the treated surface, high-speed burnishing heats the LSGuard® to help the treatment fuse and bond with the concrete for increased durability and longevity. Surface temperatures immediately behind the burnisher must achieve 90.5°F (32.5°C).
6. Repeat steps 1 through 5 above as necessary for the desired finish. Burnish between coats. Apply up to three coats for maximum gloss.

**Drying Time:** Under typical conditions, the surface is ready for traffic within 1 hour of final burnishing. Protect from water for 72 hours. Smooth and hardened concrete surfaces should exhibit reduced water absorption and the desired sheen upon drying. Maximum water resistance will develop over 7 days.

**Cleanup:** Before product dries, clean tools and equipment with fresh water. Immediately wash off over spray from glass, aluminum, polished or other surfaces with fresh water.