Consolideck® PolishGuard 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 representative area of no less than 10 ft. by 10 ft. (and no more than 10% of the total floor area) to confirm surface preparation procedures, coverage rate, reaction time, finished appearance, etc. Use the manufacturers’ application instructions. Let test area dry thoroughly before inspection. Get owner’s approval before proceeding. Keep test area available for comparison throughout the 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® PolishGuard is a durable, chemical-resistant, high-gloss protective coating that dramatically increases the stain resistance of interior concrete floors exposed to accidental spills of food products, household cleaners and industrial solutions. PolishGuard enhances the appearance of standard gray, integrally colored, dyed, stained or color-hardened concrete floors. Consolideck® PolishGuard is ideal for steel-troweled, burnished, polished or decorative concrete or terrazzo floors.

# Typical Technical Data

FORM: Milky White Liquid

SPECIFIC GRAVITY: 1.01

pH: 8.4

WEIGHT/GALLON: 8.50 pounds

ACTIVE CONTENT: 15 percent

TOTAL SOLIDS: 15 percent

VOC CONTENT: 100 grams per Liter maximum.

Complies with all known national, state and district AIM VOC regulations.

FLASH POINT: greater than 200°F (greater than 93°C)

FREEZE POINT: 32°F (0°C)

SHELF LIFE: 2 years in tightly sealed, unopened container

# Limitations:

* Only for use on indoor, horizontal concrete surfaces.
* Not for use around pools or fountains.
* Will not compensate for structural defects. Surfaces must be clean and in good repair before application.

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

# Application

Before applying, read “Preparation” and “Application” sections in the Manufacturer’s Product Data Sheet for Consolideck® PolishGuard. Refer to the Product Data Sheet for additional information about application of Consolideck® PolishGuard. Apply as packaged. Do not dilute or alter, or use for purposes other than specified. Mix well before use.

SPECIFIER NOTE: For best results, treat floors with Consolideck® LS®, LS/CS®, or Blended Densifier before application of PolishGuard.

1. Lightly wet a clean microfiber pad with PolishGuard, leaving the pad damp.
2. Using a clean, pump-up sprayer fitted with a 0.5 gpm conical or fan spray tip, spray-apply PolishGuard working from one control joint to another.
3. Spread with damp microfiber pad, maintaining a thin, even coating and wet edge. Stop spreading once drying begins. Do not overlap.
4. Allow to dry tack free, typically 20-60 minutes.
5. Repeat steps 1-4.

SPECIFIER NOTE: For best results, use two people to apply product – one spraying and one spreading.

SPECIFIER NOTE: Two coats are recommended for maximum protection and shine.

SPECIFIER NOTE: To increase gloss, use a high-speed burnisher fitted with a white polishing pad and burnish at a fast walking pace.

# Drying Time

Protect from water for 4 hours. At 72 degrees Fahrenheit [22 degrees Celsius] and 40 percent relative humidity, product dry times are:

* To Touch: 30 to 60 minutes
* Light Foot Traffic: 4 hours
* Normal traffic: overnight

Consolideck® PolishGuard gains its full stain repellency properties in 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.