PROSOCO® DensiKure Concrete Sealer & Densifier 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 SDS 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

PROSOCO® DensiKure cures and densifies newly placed standard gray or integrally colored concrete. The product forms a membrane to lock in moisture to cure, improves abrasion resistance, reduces surface dusting, and reduces staining and color variations common to other curing methods. DensiKure applies easily with pump-up sprayers and dries in about 60 minutes.

# Typical Technical Data

FORM: White, opaque liquid

SPECIFIC GRAVITY: 1.08

pH: 11.40

WEIGHT PER GALLON: 9.0 pounds

ACTIVE CONTENT: 15 percent by weight

TOTAL SOLIDS: 15 percent by weight

FLASH POINT: greater than 212 degrees Fahrenheit (greater than 100 degrees Celsius) ASTM D3278 (mixed)

FREEZE POINT: 32 degrees Fahrenheit (0 degrees Celsius)

SHELF LIFE: 1 year in unopened, factory-sealed container

VOC CONTENT: 0 grams per Liter. Complies with all known national, state and district AIM VOC regulations.

# Limitations

* For use on smooth, steel-trowel finished concrete only.
* Not intended to be used as final protective treatment or coating.

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 PROSOCO® DensiKure. Refer to the Product Data Sheet for additional information about application of PROSOCO® DensiKure. Do not dilute or alter. Apply as packaged. Mix well before use.

**Application Instructions**

**Installation:** Apply product using enough to coat the surface evenly with no puddling. A soft bristle broom or microfiber pad may be used to spread the product. Stop spreading once drying begins. Let treated surfaces dry tack free, typically 60 minutes.

**Protection**: Implement the following Concrete Floor Protection Plan for the rest of the construction process prior to final finishing.

* Keep slab clean at all times.
* Sweep up grit and debris immediately. Do not use oil-based sweeping compounds.
* Auto-scrub daily to remove fine dust and grime. Avoid harsh chemicals.
* Report and remove spills immediately.
* Do not eat or drink on the slab.
* Remove isolated staining with the appropriate PROSOCO cleaner.
* Get authority from project manager to operate equipment on slab. Diaper all equipment and protect the slab with an absorbent drop cloth when working on the slab.
* Store materials and equipment, and charge equipment in designated areas only.
* Use non-marking tires on all equipment. Inspect tires and remove embedded debris that may scratch slab.
* Use temporary, breathable, protective coverings as needed for access. Remove coverings immediately after work is complete.

SPECIFIER NOTE: Call PROSOCO at 800-255-4255 for product recommendations for cleaning or stain removal.

**Removal:** To improve color uniformity and remove the temporary curing film deposited by DensiKure, the cured slab must be cleaned thoroughly. After 28 days, autoscrub the slab using a black stripping pad and one of the following PROSOCO products:

* Cleaner/Degreaser diluted 1 part cleaner concentrate to 4 parts fresh water,
* LSKlean diluted 1-oz cleaner to 1-gallon of water, or PAX dilution of 4-oz cleaner to 5-gallons water
* LSKlean ULTRA 15 at the standard dilution
* LSKlean ULTRA 30 at the standard dilution

# Cleanup

Clean tools and equipment immediately with fresh water. Using fresh water, immediately wash over spray off glass, aluminum, polished or sensitive surfaces.

# Drying Time

PROSOCO® DensiKure dries to the touch in approximately 1 hour. Protect freshly treated concrete from foot traffic and water for 4 to 12 hours after application. Dry time does depend on temperature, wind and humidity.