



DensiKure

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.

ADVANTAGES

- Meets ASTM C309, Type 1, Class A & B, on interior steel-trowel finished concrete.
- Easy to apply. Fast drying.
- Retards water loss from newly placed concrete surfaces.
- Compatible with subsequent applications of PROSOCO dyes, stains, coatings, or protective treatments, if desired.
- VOC Compliant. Non-flammable. Non-toxic. Low odor.
- Suitable for sale in all states and districts with more restrictive AIM VOC regulations (see VOC Compliance below).

Limitations

- For use on smooth, interior steel trowel finished concrete only. See PROSOCO's SingleStep® or SingleStep® WB for exterior concrete needs.

TYPICAL TECHNICAL DATA

FORM	White, opaque liquid
SPECIFIC GRAVITY	1.08
pH	11.40
WT/GAL	9.0 lbs
ACTIVE CONTENT	15% by weight
TOTAL SOLIDS	15% by weight
VOC CONTENT	<100 g/L
FLASH POINT	>212° F (>100° C) ASTM D3278 (mixed)
FREEZE POINT	32° F (0° C) (mixed)
SHELF LIFE	1 year in tightly sealed, unopened container

REGULATORY COMPLIANCE

VOC Compliance

PROSOCO® DensiKure is compliant with the US Environmental Protection Agency's AIM VOC regulations.

Visit www.prosoco.com/voccompliance to confirm compliance with individual district or state regulations.

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling.

24-Hour Emergency Information:
INFOTRAC at 800-535-5053

Product Data Sheet

PROSOCO® DensiKure

PREPARATION

Protect people, vehicles, property, plants and all surfaces not set for coating from product, splash and wind drift. Use polyethylene or other proven protective material.

Do not apply to surfaces which have standing water.

Minimize potential for tracking and dusting of the hardened surface by applying DensiKure after finishing, and before cutting the control joints.

If installing DensiKure after cutting the control joints, remove dust and debris from the surface and from the joints before application.

Concrete should be clean, free of standing water, and absorbent before application.

Surface and Air Temperatures

Temperatures for application should be 40-100°F (4-38°C).

DO NOT install if rain is forecast during time allotted for installation.

Equipment

Preferred method of application is with low-pressure (<50 psi) pump type spray equipment. Adjust spray tip to prevent atomization of the material during application.

Storage and Handling

Keep from freezing. Store in a cool, dry place. Keep container tightly closed when not dispensing. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperature of 45-100°F (7-38°C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

APPLICATION

Read “Preparation” and the Safety Data Sheet before use.

ALWAYS TEST a small area of each surface to confirm suitability, coverage rate and desired results before beginning overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let surface dry thoroughly before inspection.

Pre-testing will confirm suitability of surface preparation and application procedures proposed for general application, and will also determine the average coverage rates to be maintained over the entire project.

Dilution & Mixing

Apply as packaged. Do not alter, dilute or thin. Mix well before use.

Typical Coverage Rates

Variations in concrete quality, porosity, job site conditions, temperature and relative humidity will affect coverage rates and drying times. Calculate the target coverage rate by testing a representative section of the prepared surface using the published application instructions. Typical application rate:

- 200-600 sq.ft. per gallon (5-15 m²/L)

Calculating Project-Specific Target Coverage Rate

1. Surface must be clean, free of standing water and absorbent.
2. Add 1 gallon of DensiKure to a clean, pump-up sprayer fitted with a 0.5 gpm fan spray tip or other approved spray equipment. Coat the concrete surface thinly and evenly with no puddling. A soft bristle broom or microfiber pad may be used to spread the product. Stop spreading once drying begins.
3. Measure the test area to establish the Target Coverage Rate per gallon.

Application Instructions

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.

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. Call PROSOCO at 800-255-4255 for product recommendations.
- Report and remove spills immediately.
- Do not eat or drink on the slab.
- Remove isolated staining with the appropriate PROSOCO cleaner. Call 800-255-4255 for product recommendations.
- 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.

Product Data Sheet

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- 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.

Drying Time

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

Cleanup

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

Maintenance

Sweep the floor daily with a microfiber pad or dry dust mop. Clean ALL spills as quickly as possible.

Use PROSOCO maintenance cleaners to maintain the floor. Call 800-255-4255 for product recommendations.

Subsequent Applied Products: Surface Preparation

Prior to the application of any desired surface treatment, coating or floor covering, the cured concrete slab must be thoroughly cleaned to remove any residual DensiKure.

After 28 days, autoscrub the slab using a black stripping pad and one of the following PROSOCO products followed by a thorough rinse with clean water:

- Cleaner/Degreaser diluted 1 part cleaner concentrate to 4 parts fresh water,
- LSKlean at the standard dilution
- LSKlean ULTRA 15 at the standard dilution
- LSKlean ULTRA 30 at the standard dilution

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.** The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care – technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our website at prosoco.com, for the name of the PROSOCO representative in your area.