

03 39 00 Concrete Curing

03 39 23 Membrane Concrete Curing

09 60 00 Flooring

09 61 00 Flooring Treatments

PRODUCT DATA SHEET**PROSOCO**
SINCE 1939**CONSOLIDECK®**

DuraSheen

high-gloss cure & seal for concrete

OVERVIEW

Consolideck® DuraSheen is a non-yellowing curing and sealing compound. Tough and chemical resistant, DuraSheen is designed for horizontal concrete where a premium, vibrant gloss and shine are required.

DuraSheen contains no fillers, modifiers or extenders that can cause cure and seals to yellow, blush or dull out. Independent laboratory tests confirm DuraSheen's non-yellowing characteristics outlast and outperform competitive products.

Easily applied DuraSheen quickly forms a hard, glossy, water- and dust-proof clear shield on concrete. It's long-lasting, chemical resistant, waterproof and dust proof. DuraSheen is ideal for concrete new or old. It makes an excellent base coat for paints or tile and carpet adhesives, meeting the requirements of the Resilient Tile Institute and the tile adhesion test requirements of ASTM C 1315.

SPECIFICATIONS

For all PROSOCO product specifications visit www.prosoco.com and click on "SpecBuilder" or "Solution Finder."

ADVANTAGES

- Non-yellowing. Surface stays clear.
- Passes 300 hours QUV resistance (ASTM G 154).
- Completely develops concrete's wear-resistance and strength.
- Ideal for concrete new or old, including burnished block.
- Reduces cleanup effort and resists construction stains.
- Protects against alkali, oil, cleaners and common chemicals.
- Prevents efflorescence, dusting and spalling.
- Quick drying.
- Re-coatable, paintable, excellent base for most adhesives.
- Complies with US EPA AIM VOC regulations.

Limitations

- Will not bond to cementitious adhesives. Test for bondability to new products.
- Not for use around pools or fountains.
- Will not compensate for structural or surface defects.
- Not recommended for below-grade application.
- Not suitable for sale in states and districts with more restrictive AIM VOC regulations.

REGULATORY COMPLIANCE

VOC Compliance

Consolideck® DuraSheen is compliant with the following national, state and district AIM VOC regulations

- US Environmental Protection Agency
- California Air Resources Board SCM Districts
- South Coast Air Quality Management District
- Maricopa County, AZ
- Northeast Ozone Transport Commission

TYPICAL TECHNICAL DATA

FORM	clear liquid
SPECIFIC GRAVITY	0.77
pH	Not applicable
WT/GAL	7.9 lbs
ACTIVE CONTENT	30% ±2%
TOTAL SOLIDS	30% ±2%
VOC CONTENT	maximum 700 g/L
FLASH POINT	>100°F (>38°C)
FREEZE POINT	-8°F (-22°C)
SHELF LIFE	1 year in tightly sealed, unopened container

DuraSheen

PREPARATION

Protect people, vehicles, property, plants, windows and all non masonry surfaces from product, splash, residue, fumes and wind drift. Protect and/or divert foot and auto traffic.

For curing, concrete must be sound and properly finished. Existing concrete must be clean, dry and in good repair before sealing with DuraSheen.

Ensure fresh air entry and cross ventilation during application and drying. Extinguish all flames, pilot lights and other potential sources of ignition during use and until all vapors are gone. Avoid exposing passersby and building occupants to product, fumes and mist.

Surface and Air Temperatures

Do not apply when temperatures are less than 20°F (-6°C).

Equipment

Apply by brush, long-nap roller, lamb's wool applicator or low pressure spray equipment. Fit spray equipment with steel or brass fittings and gaskets suitable for solvent solutions. Brushes and rollers should be nylon or other synthetic material resistant to solvent solutions. Avoid atomization.

Storage and Handling

Store in a cool, dry place away from potential ignition sources. Keep 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

Before use, read "Preparation" and "Safety Information."

ALWAYS TEST each type of surface and coating for suitability and results before overall application. Test using the following application instructions. Let test area dry thoroughly before inspection.

Dilution

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

Application Instructions

Cover surfaces uniformly, creating a continuous film.

Curing New Concrete

Apply as soon as surface water has disappeared and slab can support the weight of an applicator. Apply at 300–400 sq.ft./gal (7–10 sq.m./liter). Coverage may vary based on porosity and texture of surface.

Sealing New & Existing Concrete

Surfaces must be clean, dry and in good repair.

On concrete already cured with DuraSheen, sealing with DuraSheen gives added protection. Apply after 28 days of curing.

On concrete not cured with DuraSheen, apply two coats. Add the second coat four hours after the first.

ALWAYS TEST

ALWAYS TEST a small area of each surface to confirm suitability and desired results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

Coverage & Drying Times

New concrete:

300 square feet per gallon
7 square feet per liter

Older concrete:

400–600 square feet per gallon
7–10 square feet per liter

At 80°F (27°C) treated surfaces dry:

To touch	25 minutes
Light foot traffic	4 hours
Normal traffic	overnight
Maximum hardness	7 days

Cleanup

Clean tools and equipment with Consolideck® Wax & Cure Remover or mineral spirits.

DuraSheen

SAFETY INFORMATION

Consolideck® DuraSheen is a solvent-carried product and may cause symptoms typical with organic solvent exposures. This is a combustible material. Use appropriate ventilation, safety equipment and job site controls during application and handling. Read the full label and MSDS for precautionary instructions before use.

First Aid

Ingestion: If swallowed, call a physician immediately. **ASPIRATION HAZARD:** Do not induce vomiting or give anything by mouth. Only induce vomiting at the instructions of a physician. If vomiting occurs, keep head below waist to prevent entry of liquid into lungs.

Eye Contact: Rinse eyes thoroughly for 15 minutes. Get medical assistance if irritation persists.

Skin Contact: Rinse thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.

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

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 web site at www.prosoco.com, for the name of the Consolideck® representative in your area.

BEST PRACTICES

Use the appropriate Consolideck® concrete prep cleaner to remove contaminants from existing concrete before applying DuraSheen. Stains and soiling may interfere with penetration.

For recommendations on removing stains and coatings, visit www.prosoco.com, call PROSOCO technical Customer Care toll-free at 800-255-4255 or contact your local PROSOCO field representative.

Preferred method of application is low-pressure spray equipment. Use a fan-type spray tip and adjust pressure to avoid atomization of the material.

Always saturate the surface uniformly. Give the treatment a few minutes to penetrate, but brush out pools and puddles quickly.

Never go it alone. If you have problems or questions, contact your local PROSOCO distributor or field representative. Or call PROSOCO technical Customer Care, toll-free, at 800-255-4255.

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