

03 30 00 Cast-In-Place Concrete

03 35 00 Concrete Finishing

09 60 00 Flooring

09 61 00 Flooring Treatments

PRODUCT DATA SHEET**PROSOCO**

SINCE 1939

CONSOLIDECK®
HIGH PERFORMANCE CONCRETE**SCS**certified™
INDOOR AIR QUALITY
Indoor Advantage | Building Materials
GOLDNonfood Compounds
Program Listed R2
Registration #148957

Concrete Protector

water, oil and stain repellent

OVERVIEW

Consolideck® Concrete Protector is a penetrating water, oil and stain repellent for every kind of finished concrete floor.

Concrete Protector improves stain resistance and simplifies maintenance cleaning of interior and exterior, vertical and horizontal concrete surfaces. Water-based and low-odor, this VOC-compliant protective treatment is easily applied with pump-up sprayers.

Concrete treated with Concrete Protector resists staining from oil, food and waterborne materials while retaining its natural color, texture, and breathability.

SPECIFICATIONS

For all PROSOCO product specifications, visit www.prosoco.com.

ADVANTAGES

- Resists oil and food stains.
- Repels water and water-related stains.
- Easy soap and water clean-up.
- Works on Consolideck® LS® and LS/CS® lithium-silicate hardened/densified floors.
- Low-odor suitable for interior application to occupied buildings.
- Fast drying – reduces down time.

- Treated surfaces “breathe” – does not trap moisture.
- Treated surfaces are not slippery.
- Appropriate for all concrete, from steel troweled to highly polished.
- Long-lasting, polymeric material suitable for interior and exterior applications.
- Re-coatable; penetrates and bonds to concrete previously treated with Concrete Protector – no stripping needed.

Limitations

- Not suitable for concrete surfaces that are heavily laden with oils. Clean such surfaces with Consolideck® Cleaner/Degreaser or Consolideck® Oil & Grease Stain Remover before application of Concrete Protector.
- Do not buff or burnish after application. See “Maintenance” on page 2.
- Will not compensate for structural defects or bridge cracks, gaps and voids.
- Not suitable for surfaces subjected to below grade water exposure.
- Will not provide UV protection to concrete flooring colored with Consolideck® GemTone Stain or Consolideck® ColorHard. Consolideck® LSGuard® or PolishGuard would be more appropriate.

REGULATORY COMPLIANCE

NOTE: This product contains a proprietary ingredient subject to TSCA 12(b) export notification. For domestic sale and use only!

Consolideck® Concrete Protector is compliant with all national, state and district 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 | slightly hazy liquid |
| SPECIFIC GRAVITY | 1.02 |
| pH | 8.02 |
| WT/GAL | 8.46 lbs |
| ACTIVE CONTENT | 2.5% |
| TOTAL SOLIDS | 2.5% (ASTM D2369) |
| VOC CONTENT | <100 g/L |
| FLASH POINT | not applicable |
| FREEZE POINT | 32° F (0° C) |
| SHELF LIFE | 2 years in tightly sealed, unopened container |

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PREPARATION

Protect people, vehicles, property, plants and all non masonry from product, splash, fumes, residue and wind drift. Avoid exposing passersby and building occupants to product and mists. Protect and/or divert pedestrian and auto traffic. Ensure fresh air entry and cross ventilation during application and drying.

Thoroughly clean and rinse surfaces before applying Concrete Protector. Use the appropriate Consolideck® cleaner. Let cleaned surfaces dry thoroughly before application.

Surface and Air Temperatures

Should be at least 40° F (4° C) and expected to remain so for 4 hours after application. Surface and air temperatures should not exceed 90° F (32° C). On warm days, apply early in the day and to shaded areas.

Equipment

Preferred method of application is with low pressure (<50 psi), pump-type spray equipment. Adjust tip to prevent atomization during application. **DO NOT ATOMIZE DURING APPLICATION.** This product contains a material that can cause serious lung damage or impairment if inhaled as an aerosol or fine mist.

Storage and Handling

Keep from freezing. Store in a cool, dry place. Do not alter or mix with other chemicals. Always seal container after dispensing. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperatures 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 surface for suitability and desired results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

Dilution

DO NOT DILUTE OR ALTER. Use in concentrate.

Stir or mix well before use.

Typical Coverage Rates

Coverage varies based on porosity and texture. Always test. Coverage is in square feet/meters per gallon.

Porous Surfaces: 50–100 sq.ft. (5–10 m²)

Semi-porous Surfaces: 100–400 sq.ft. (9–37 m²)

Non-porous Surfaces: 400–800 sq.ft. (37–75 m²)

Application Instructions

Vertical Surfaces: Use low-pressure spray, brush, sponge or roller. Apply uniformly. Saturate the surface. Brush out heavy runs or drips thoroughly for uniform coverage. An additional coat can be applied after material has dried for at least 1 hour. Second coat will require less material.

Horizontal Surfaces: On most flat surfaces, apply in a single saturating application. Even out puddles with a microfiber applicator before material has a chance to fully dry. If needed, an additional coat can be applied after material has dried for at least 1 hour. Second coat will require less material.

Porous Surfaces: For optimum stain repellency on porous surfaces, apply a saturating coat and allow to dry thoroughly before applying a second saturating coat. Less material will be required on the second application. Over-application may change surface appearance.

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.

Drying Time

Treated surfaces can be opened to traffic as soon as the surface is completely dry.

Protect treated surfaces from direct water contact for 12 hours. Concrete Protector gains its oil-resistant properties in 48 hours.

Cleanup

Clean equipment immediately with soap and water. Remove over spray within 24 hours. Use mild soap and water.

Re-Treatment

As with any oil and stain repellent, periodically re-treat the surface to maintain the original performance. Apply in the same manner as the original application.

Maintenance

Remove surface dust and debris daily using a micro fiber pad, dry dust mop or by autoscuffing. Maintain the floor with Consolideck® LSKlean ULTRA, developed to further enhance the long-term performance of your finished concrete floor.

This product is not designed for use with buffing or burnishing equipment.

Remove spills or stains from surfaces treated with Concrete Protector as soon as possible using the appropriate Consolideck® maintenance cleaner. Do not use harsh acidic or alkaline cleaners.

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SAFETY INFORMATION

Consolideck® Concrete Protector is an aqueous fluorochemical solution. This product contains a material that can cause serious lung damage or impairment if inhaled as an aerosol or fine mist. **DO NOT ATOMIZE DURING APPLICATION. DO NOT BUFF OR BURNISH AFTER APPLICATION.** Use approved respiratory protection if aerosols or mists are present. Use appropriate safety equipment, ventilation and job site controls during application and handling. Read full label and MSDS for precautionary instructions before use.

First Aid

Ingestion: Drink two glasses of water. Do not induce vomiting. Seek medical assistance.

Eye Contact: Rinse eyes thoroughly for 15 minutes. Get medical attention.

Skin Contact: Rinse thoroughly. Get medical attention if irritation persists.

Inhalation: Remove to fresh air. 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

Surfaces to be treated must be clean, dry and absorbent. Remove all loose construction debris and foreign materials from surfaces to be treated using a dry broom. Remove all curing compounds, coatings, paint, wax, embedded soiling, rust, grease and oil using the appropriate Consolideck® surface preparation cleaner.

Call Customer Care toll-free at 800-255-4255 for CLEANER recommendations.

Always test before application.

Preferred method of application is low pressure pump-up spray equipment (<50 psi). **DO NOT ATOMIZE DURING APPLICATION.** Use a fan-type spray tip and adjust pressure to prevent atomization of the material.

Apply evenly. Saturate the surface. Do not over-apply. Brush out or back roll runs and drips.

Porous surfaces such as some concrete block may need a second application. Let the first coat dry to the touch before applying a second coat.

Do not buff or burnish after application. This product is not designed for use with buffing or burnishing equipment.

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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