

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

GuardEXT

*glossy sealer for exterior horizontal concrete***SCS**certified™**INDOOR AIR QUALITY**
Indoor Advantage | Building Materials
GOLD

OVERVIEW

Consolideck® GuardEXT is a durable, non-yellowing, protective coating that dramatically increases the stain resistance of exterior concrete paving.

Ideal for steel-troweled, broomed or stamped concrete, GuardEXT enhances the appearance of standard gray, chemically stained, integrally colored and color-hardened concrete.

Use Consolideck® GuardEXT to protect new or existing concrete paving that is exposed to accidental spills of food or petroleum based products. It applies easily with pump-up sprayers, and dries within 60 minutes.

SPECIFICATIONS

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

ADVANTAGES

- Produces a long-lasting, tough protective shine on any exterior concrete flatwork.
- Perfect for surfaces hardened and dust proofed with Consolideck® LS® or Consolideck® LS/CS®.
- Helps prevent problems related to water penetration of concrete.
- Adds depth and luster to colored concrete, including surfaces decorated with Consolideck® ColorHard.
- Keeps soiling and contaminants from penetrating. Simplifies maintenance cleaning.
- Treated surfaces maintain slip resistance.
- Low odor. Easy to apply. Fast drying.
- UV stable. Will not yellow, discolor, peel or flake.
- VOC Compliant. Non-flammable. Non-toxic. Water-based.

Limitations

- Only for use on outdoor, horizontal concrete surfaces.
- Will not compensate for structural defects. Surfaces must be clean and in good repair before application.

REGULATORY COMPLIANCE

VOC Compliance

Consolideck® GuardEXT 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	Milky white liquid
SPECIFIC GRAVITY	1.01
pH	8.4
WT/GAL	8.5 lbs
ACTIVE CONTENT	15%
TOTAL SOLIDS	15%
VOC CONTENT	100 g/L maximum
FLASH POINT	>200°F (>93°C)
FREEZE POINT	32°F (0°C)
SHELF LIFE	2 years in tightly-sealed, unopened container

PREPARATION

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

GuardEXT may be applied to new or existing, cured concrete of any age. Surfaces must be clean and structurally sound. Remove all foreign materials including bond breakers, curing agents, surface grease and oil, and construction debris. Use the following Consolideck® surface prep cleaners:

Consolideck® SafStrip

- cure & seals
- paint
- high strength coatings

*Consolideck® SafEtch®**

- concrete laitance
- construction soiling

*Not for use on concrete previously treated with Consolideck® LS®, LS/CS® or LSGuard®.

Consolideck® Wax & Cure Remover

- waxes, sealers & coatings
- low-solids cure & seals

Consolideck® Cure & Seal Remover

- high-solids cure & seals

Consolideck® Concrete Floor Restorer

- general soiling
- rust and other metallic staining
- light wax coatings

Consolideck® PreKlean

- laitance
- residual surface salts

Consolideck® Cleaner/Degreaser

- general soiling
- grease and oil

Consolideck® Oil & Grease Stain Remover

- deep-seated oil & grease staining

Follow the appropriate cleaner with thorough water rinsing. If a d-limonene based cleaner/stripper is used, clean treated surfaces with Consolideck® Cleaner/Degreaser and rinse thoroughly.

Acid-stained concrete must be thoroughly neutralized and rinsed prior to application.

Application may begin as soon as cleaned surfaces are dry.

Surface and Air Temperatures

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

Equipment

Apply with low pressure sprayer. Do not atomize.

Storage and Handling

Keep from freezing. Store in a cool, dry place. Always seal container after dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperatures of 40–100°F (4–38°C). Do not double stack pallets. Dispose of in accordance with local, state and federal regulations.

APPLICATION

Before use, read “Preparation” and “Safety Information.”

ALWAYS TEST each surface for suitability and results before overall application. Use the following application instructions. Let surface dry thoroughly before inspection.

Dilution and Mixing

Apply as packaged. Do not dilute or alter, or use other than as specified. Mix well before use.

Typical Coverage Rates

Variations in concrete quality, porosity, job-site conditions, temperature and relative humidity affect coverage rates and drying times. The following figures are for estimating only.

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.

Estimated Coverage Rates

- 200–600 square feet per US gal
- 5–15 square meters per Liter

Drying Time

At 72°F (22°C), 40% Relative Humidity, product dry times are:

<i>Dryness</i>	<i>Time</i>
To touch	30–60 minutes
Light foot traffic	4 hours
Normal traffic	overnight
Maximum protection	7 days

Application Instructions

Consolideck® GuardEXT may be applied to broomed, stamped or steel-troweled concrete. Cover surfaces uniformly, creating a continuous film.

1. Use a clean pump-up sprayer fitted with a solid cone spray tip, or other approved spray equipment to spray-apply GuardEXT in a continuous, circular motion. Work from one control joint to another. Maintain a wet edge. Avoid overlaps onto previously treated and dried surfaces. Use a soft bristle broom to move excess material from low spots.
2. Allow to dry tack free, typically 20–60 minutes.
3. Repeat steps 1–2 above as needed. Two coats provide maximum protection and shine.

Drying Time

Under typical conditions, the surface is ready for light traffic within 4 hours of final application. Protect from water exposure for least 4 hours.

Cleanup

Before product dries, clean tools and equipment with fresh water. Immediately wash over spray off glass, aluminum, polished or other surfaces with fresh water.

SAFETY INFORMATION

Consolideck® GuardEXT is an alkaline solution. Use appropriate safety equipment and job site controls during application and handling. Read full label and MSDS for precautionary instructions before use.

First Aid

Eye Contact: Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open. Seek medical attention immediately.

Skin Contact: Wash contacted area with soap and water. DO NOT attempt to neutralize with chemical agents. If irritation persists, seek medical attention.

Ingestion: Drink large quantities of water or milk. DO NOT induce vomiting. Seek medical attention immediately.

Inhalation: Remove affected person to fresh air. Wash mouth and nasal passages with water repeatedly. If breathing difficulties persist, seek 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

Only apply GuardEXT to clean, dry and absorbent concrete. Confirm absorbency with a light water spray – surfaces to be treated should wet uniformly.

Thoroughly neutralize and rinse acid-stained concrete before applying GuardEXT.

For best results, harden and dust proof concrete paving with Consolideck® LS® or Consolideck® LS/CS® before applying GuardEXT.

Always use the appropriate Consolideck® cleaner for maintenance cleaning of concrete paving. Conventional cleaners may dull or damage concrete finishes.

In hot dry conditions, pre-wet the concrete with clean water mist to cool. Apply GuardEXT once the concrete surface is dry.

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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