



PROSOCO®

Consolideck®

CONCRETE FLOORING PRODUCTS

First Cut

Consolideck® First Cut is a water-based blend of surfactants applied to the concrete surface prior to wet-grinding. First Cut reduces the amount of time spent with each metal and lower-grit, resin-bound diamond tooling, shortening the overall project time line and extending the life of the diamonds.

Using a special blend of surfactants, First Cut lifts concrete slurry solids away from the surface, suspends them, and clears the path for the diamonds. This keeps the slurry solids from interfering with the diamonds' ability to remove the concrete surface, increasing efficiency and reducing clean up time between steps.

ADVANTAGES

- Minimizes scratches created during lower-grit diamond tooling steps.
- Makes post-grinding clean-up easier.
- Lifts and suspends slurry solids away from diamond tooling, allowing for faster bulk removal of concrete surface during grinding, increasing efficiency.
- Reduces labor and tooling costs.
- Extends the life of diamonds and shortens the project time line.
- Works well on new or existing concrete.
- Compatible with floors to be treated with Consolideck® densifiers, dyes and protective treatments.

Limitations

- For use with wet-grinding only. Do not use with dry-grinding equipment.
- Do not allow concrete to dry during process.
- For use with low-grit diamond tooling (200 grit resin or lower) during bulk removal steps.

REGULATORY COMPLIANCE

VOC Compliance

Consolideck® First Cut is compliant with all national, state and district VOC regulations.

TYPICAL TECHNICAL DATA

FORM	Clear, colorless liquid
SPECIFIC GRAVITY	1.00
pH	7.1
WT/GAL	8.35 lbs
ACTIVE CONTENT	not applicable
TOTAL SOLIDS	not applicable
VOC CONTENT	<0.5%
FLASH POINT	>212° F(>100° C) ASTM D-3278
FREEZE POINT	32° F (0° C)
SHELF LIFE	2 years in tightly sealed, unopened container

SAFETY INFORMATION

Always read full label and Safety Data Sheet 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 Consolideck® First Cut

PREPARATION

Protect people, vehicles, property, plants and all adjacent or nearby surfaces from the product, splash and wind drift. Use polyethylene or other proven protective material.

All surfaces must be clean and free of grease, oil, dust, dirt, etc. Pre-clean oil spots or other deep stains with the appropriate PROSOCO surface preparation product. For recommendations, call Customer Care toll-free at 800-255-4255.

Surface and Air Temperature

Temperatures should be at least 50° F (10° C) and below 90° F (32° C) during application.

Equipment

Apply using low pressure sprayer.

First Cut may also be poured onto the floor from the container or a bucket, and spread with a soft-bristled push broom.

Storage and Handling

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 45–100° F (7–38° 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 type of surface for suitability and results before overall application. Use the following application instructions. Let the surface dry thoroughly before inspection.

Dilution & Mixing

Do not dilute or alter. Use as packaged.

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.

- 150–300 sq.ft. (14–28 sq.m.) per US gal

Application Instructions

The following instructions are guidelines that can be modified for specific equipment, job site conditions or personal experience.

Wet Grinding

Consolideck® First Cut should only be used when wet grinding concrete floors.

1. Thoroughly wet concrete surface with water.
2. Apply First Cut by spray, or pour-and-spread with a soft push broom on the floor immediately in the grinder's path. Coat floor up to 10 feet or less in front of the grinder. Saturate the floor, but do not create puddles.
3. Wet grind the floor starting with lowest grit diamonds specified. Adjust water flow from grinder to create a thick foam of slurry. Ensure the grinder reaches treated areas before First Cut dries. If floor starts to dry while grinding, re-wet with water. Do not allow floor to completely dry.
4. If desired, clean floor in between each grinding step with fresh water. Follow steps 1-4 to reapply First Cut during additional wet processing steps.

Densifying

5. After all wet grinding is complete, clean the floor with fresh water and allow to dry.
6. Apply Consolideck® LS®, LS/CS® or Blended Densifier per product data sheet instructions.
7. Continue dry grinding and polishing to final desired level.

Cleanup

Clean tools and equipment using fresh water.

Product Data Sheet Consolideck® First Cut

BEST PRACTICES

For use with wet-grinding only. Do NOT use with dry -grinding equipment.

For use with low-grit diamond tooling only (200 grit resin or lower) during bulk removal steps.

Apply with low-pressure sprayer, or by pouring on the floor in front of the grinder. Spread with a soft-bristle push broom. Saturate the floor, but do not create puddles.

Do not allow concrete to dry during process. If floor starts to dry while grinding, re-wet with water. Do not allow floor to completely dry.

If needed, a commercially available defoamer may be added to the auto-scrubber recovery tank.

Application instructions are guidelines that can be modified for specific equipment, job site conditions or personal experience.

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.

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 PROSOCO representative in your area.