

Consolideck® First Cut Specification

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured by PROSOCO, Inc. and should not be viewed as a complete source of information about the product(s). The Architect should always refer to the Product Data Sheet and MSDS for additional recommendations and for safety information.

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Test Area

Test a representative area of no less than 10 ft. by 10 ft. (and no more than 10% of the total floor area) to confirm surface preparation procedures, coverage rate, reaction time, finished appearance, etc. Use the manufacturers' application instructions. Let test area dry thoroughly before inspection. Get owner's approval before proceeding. Keep test area available for comparison throughout the project.

Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.

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Product Description

Consolideck® First Cut is a water-based blend of surfactants applied to the concrete surface prior to wet-grinding. First Cut lifts concrete slurry solids away from the surface, suspends them, and clears the path for diamonds. Slurry solids are kept from interfering with the diamonds' ability to remove the concrete surface. First Cut reduces the amount of time spent with each metal and lower-grit, resin-bound diamond tooling. First Cut increases efficiency and reduces clean up time between steps.

Typical Technical Data

FORM: Clear, colorless liquid

SPECIFIC GRAVITY: 1.00

pH: 7.1

WEIGHT/GALLON: 8.35 pounds

ACTIVE CONTENT: not applicable

TOTAL SOLIDS: not applicable

VOC CONTENT: less than 0.5 percent Complies with all known national, state and district VOC regulations.

FLASH POINT: greater than 212 degrees F (greater than 100 degrees C)

FREEZE POINT: 32 degrees F (0 degrees C)

SHELF LIFE: 2 years in tightly sealed, unopened container.

Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.

Application

Before applying, read "Preparation" in the Manufacturer's Product Data Sheet and the Safety Data Sheet for Consolideck® First Cut. Do not dilute or alter. Apply as packaged.

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Wet Grinding

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.

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

SPECIFIER NOTE: First Cut should only be used when wet grinding concrete floors.

Cleanup: Clean tools and equipment using fresh water.