

Consolideck® Grind-N-Fill 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 minimum 4 ft. by 4 ft. area on each type of masonry. Use the manufacturer's application instructions. Let test area protective treatment cure before inspection. Keep test panels available for comparison throughout the protective treatment project.

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

Manufacturer: PROSOCO, Inc., 3741 Greenway Circle, Lawrence, KS 66046. Phone: (800) 255-4255; Fax: (785) 830-9797. E-mail: CustomerCare@prosoco.com

Product Description

Consolideck® Grind-N-Fill mixed with dust created while grinding concrete floors creating a super-durable matrix that automatically fills pinholes, small air voids and pop-outs, micro-cracks and other gaps in the concrete surface during grinding. Grind-N-Fill creates a monolithic surface that polished faster, easier and more effectively. Treated floors accept hardener/densifiers, protective treatments and color stains and hardeners more evenly. Grind-N-Fill also makes floors easier to maintain by eliminating tiny nooks and crannies in concrete that trap and accumulate soil and other contaminants. Grind-N-Fill dries fast and is suitable for any floor undergoing grinding, from warehouse/industrial to highly polished, aesthetic floors.

Technical Data

FORM: milky liquid, mild odor

SPECIFIC GRAVITY: 1.01

pH: 8.9

WEIGHT/GALLON: 8.40 pounds

ACTIVE CONTENT: not applicable

TOTAL SOLIDS: not applicable

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

VOC CONTENT: 100 g/L maximum. Complies with all known national, state and district AIM VOC regulations.

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

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

SPECIFIER NOTE: If diamonds gum up or glaze over, dilute Grind-N-Fill with up to 50 percent water. This may also help on concrete slabs that are hot and dry.

Application

SPECIFIER NOTE: Consolideck® Grind-N-Fill should be applied close to or during the final stage of metal grinding operations.

1. If the grinder is connected to a vacuum hose, disconnect it. Disconnecting the vacuum hose prior to application helps dust get into the product for a smooth, thick filler.
2. Apply Grind-N-Fill by spray. Coat up to 10 feet or less of floor immediately in front of the grinder. Saturate the floor but do not create puddles.
3. Grind the wet floor until dry. Ensure the grinder reaches treated areas before Grind-N-Fill dries.
4. Let the floor dry 2 to 12 hours for maximum curing.
5. Reconnecting the vacuum hose (if needed) and continue grinding and polishing.

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

Cleanup

Clean tools and equipment with soap and water.