



# SCP CUTTER

## PRODUCT DESCRIPTION

SCP CUTTER is designed to aid the initial grinding steps, significantly reducing labor creating a tighter surface for longer life and performance. Packaged in Concentrate to save you on shipping while lowering our environmental footprint.

## COVERAGE

<b>COVERAGE RATE:</b>	300-400 ft <sup>2</sup> per gallon
<b>MIX RATIO:</b>	<b>Normal Use:</b> Add 2 parts water to 1 part CUTTER yielding 3 parts ready to use (RTU) CUTTER. <b>Extreme Use:</b> Extreme situations requiring large aggregate use full concentrate and/ or apply one day prior to grinding.
<b>PACKAGING INFORMATION:</b>	1 Gallon Concentrate (Yields 3 Gallon RTU) 5 Gallon Concentrate (Yields 15 Gallon RTU) 55 Gallon Concentrate (Yields 165 Gallons RTU)

## PHYSICAL PROPERTIES

**DENSITY:** >1.0 @ 68F **pH LEVEL:** 6-9 **ODOR/COLOR:** Clear Blue **EVAPORATION RATE:** >1.0 **VAPOR PRESSURE:** 2.2 torr @ 68F  
**VOLATILE ORGANIC CONTENT:** <50g/L **SHELF LIFE:** 1 Year unopened

## LIMITATIONS

Do not mix with any other products. Do not allow to freeze. Refer to SDS for more info.

## INSTRUCTIONS

CUTTER is designed to aid the initial grinding steps, significantly reducing labor creating a tighter surface for longer life and performance. Remove any previous applied coatings. Saturate the concrete with water until it will no longer absorb. Identify high spots and pretreat with CUTTER. After the concrete is saturated and has no standing water apply RTU CUTTER at 300-400 ft<sup>2</sup> per gallon with a pump sprayer. After keeping the concrete wet with CUTTER for no less than 30 minutes allow the surface to become visually dry. Begin the The Scientific Concrete Polishing System Process. The slurry should have the consistency of heavy shaving cream. If the slurry is too wet add more CUTTER or less water, if the slurry is too dry add more water. For fast cutting of large aggregate: Saturate the slab with water the day before then apply Concentrate CUTTER scrubbing it in with an auto scrubber with brush or broom aggressively and let sit overnight. The longer the product is kept wet the easier the concrete will cut. Rewet the concrete the next day 30 minutes prior to Cutting concrete.

**SURFACE PREPARATION:** Refer to the SCP Training manual and the ICRI standards for the proper surface preparation. Preparation methods will vary depending on application methods.

**CLEANUP:** Use soap and water.

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. We recommend Scientific Concrete Polishing FORTIFIER because it was designed to repair and maintain polished concrete, with its neutral PH formula, safely removing dirt without dulling your polished concrete floors. Regular use with Scientific Concrete Polishing System FORTIFIER will increase abrasion resistance while extending the life of your polished concrete floor, reducing your maintenance cost and improving the overall appearance. Its Concentrated and has no Phosphates, no Sodium Hydroxides, no Butyl's and is very cost effective.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is cured. It is best to let the floor remain dry for the full cure cycle.

## NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

Scientific Concrete Polishing (Division of Incredible Products, LLC), warrants that all products are assembled under rigorous quality assurance specifications and that all information supplied is exact. All information supplied is not to be taken as a warranty, but for you to conduct your own test to determine if the given product is suitable for your distinct purpose. The following list of properties should not be interpreted as specifications. CONVEYED OR SUGGESTED, NO WARRANTY IS BUILT UPON ANY DISCOVERED RESULTS OR INFORMATION YOU WILL OBTAIN DURING USE. CONVEYED OR SUGGESTED NO WARRANTY IS BUILT THAT THE GIVEN PRODUCT SHALL BE MARKETABLE OR THAT THE GIVEN PRODUCT WILL BE FIT FOR ANY DISTINCT PURPOSE. NO WARRANTY IS BUILT UPON SAID INFORMATION OR THAT THE GIVEN PRODUCT WILL NOT INFRINGE UPON ANY PATENT. Scientific Concrete Polishing is NOT liable for, direct or indirect, inadvertent or consequential damages. Scientific Concrete Polishing liability is and will only be limited to the net selling price of our products or, at our discretion, the replacement of our products. Upon delivery of our products, your acceptance means that you accept all terms of this warranty even if the other documents and or purchase orders astray from the terms of this warranty. No representative, on our behalf, is permitted to make any representation, warranty, or assume liability with any sale of our products. OUR PRODUCTS CONTAIN CHEMICALS THAT CAN CAUSE SERIOUS PHYSICAL INJURY. BEFORE THE USE OF OUR PRODUCTS, READ ALL MATERIAL AND FOLLOW ALL LISTED PRECAUTIONS TO AVOID ANY BODILY HARM.



## SCP HARDENER

### PRODUCT DESCRIPTION

Scientific Concrete Polishing Hardener has many uses. It is low pH and it provides better hardening characteristics. It will provide an attractive, longer lasting floor. SCP Hardener is designed to be used after all Grinding/Cutting is complete to create superior hardness & longer life and floor performance.

**STANDARD COLORS:** Clear

#### CURE SCHEDULE (70°)

<b>LIGHT FOOT TRAFFIC</b>	60-90 Mins
<b>WHEELED TRAFFIC</b>	3 Hours

#### COVERAGE

<b>COVERAGE RATE:</b>	400-600 sq ft/ gallon
<b>PACKAGING INFORMATION:</b>	1, 5 and 55 Gallon Kits

### FEATURES

Increases life expectancy of concrete

\*Keeps natural look \*Less down time \*Provides higher reflective gloss \*Hardens up to 1/4" deep \*Safe and durable \*Superior hardness

### INSTRUCTIONS

**PRODUCT APPLICATION:** 1. Apply SCP Hardener using a pump-up or HVLP sprayer. Move around on concrete to get uniform coverage. 2. Apply enough product to keep surface wet for 30 minutes. 3. Allow hardener to air dry. Any left over product that turns into white powder can be swept up. 4. Polish the floor to desired gloss. 5. This product can be burnished for a semi-gloss or high gloss look.

**SURFACE PREPARATION:** Refer to the SCP Training manual and the ICRI standards for the proper surface preparation. Preparation methods will vary depending on application methods.

**CLEANUP:** Use soap and water.

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested. Using a pH cleaner is recommended when cleaning floors with applied product.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

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## SCP SEALER

### PRODUCT DESCRIPTION

Scientific Concrete Polishing SEALER is designed to be a stain resistant, high gloss sealer adding hardness and chemical resistance to the concrete. This reactive penetrating product forms an insoluble chemical bond to produce a dense sealed surface, with superior hardness, and slip resistance.

**STANDARD COLORS:** Milky White

#### CURE SCHEDULE (70°)

**TACK FREE (DRY TO TOUCH)** 40-70 minutes

**RECOAT OR TOPCOAT** 1 hour

**LIGHT FOOT TRAFFIC** 40-70 minutes

**FULL CURE** 3 days

#### COVERAGE

**COVERAGE RATE:** 1500-2500 sq ft/ gallon

**PACKAGING INFORMATION:** 1, 5 and 55 Gallon Kits

### LIMITATIONS

\*Increased amount of stain-resistance \*Allows vapor transmission \*Can be applied to fresh concrete \*Ease of use \*Quick drying \*Self-polishing

### INSTRUCTIONS

**PRODUCT APPLICATION:** Apply SEALER at 600 ft<sup>2</sup> per gallon with a pump sprayer and microfiber pad. One hour is recommended between multiple SEALER applications. Too much product applied will result in improper curing and possible white discoloration. After SEALER has fully cured use a high speed burnisher to improve surface gloss. Don't allow water on the surface for 24 hours. If you apply more than one coat of SCP Sealer you will get a more uniform look.

**SURFACE PREPARATION:** Refer to the SCP Training manual and the ICRI standards for the proper surface preparation. Preparation methods will vary depending on application methods.

**CLEANUP:** Use soap and water.

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested. Using a pH cleaner is recommended when cleaning floors with applied product.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

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## SCP FORTIFIER

### PRODUCT DESCRIPTION

Scientific Concrete Polishing FORTIFIER was designed to repair and maintain polished concrete with its neutral PH formula, safely removing dirt without dulling your polished concrete floors.

**STANDARD COLORS:** Light Blue

#### CURE SCHEDULE (70°)

<b>TACK FREE (DRY TO TOUCH)</b>	5 Min
<b>RECOAT OR TOPCOAT</b>	As soon as it's dry
<b>LIGHT FOOT TRAFFIC</b>	As soon as it's dry
<b>FULL CURE</b>	N/A

#### COVERAGE

<b>COVERAGE RATE:</b>	600-800 sq ft/ gallon
<b>MIX RATIO:</b>	128 oz Water to 4oz Fortifier
<b>RECOMMENDED FILM THICKNESS:</b>	N/A

### LIMITATIONS

\*Not recommended for oily surfaces \*No rinse formula \*Concentrated \*Neutral pH \*No Phosphates

### INSTRUCTIONS

**PRODUCT APPLICATION:** 128oz. Water to 4oz Fortifier. Can use solution through an auto scrubber. Apply to surface, let it soak in, scrub and then remove.

**SURFACE PREPARATION:** Refer to the SCP Training manual and the ICRI standards for the proper surface preparation. Preparation methods will vary depending on application methods.

**CLEANUP:** Use soap and water.

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested. Using a pH cleaner is recommended when cleaning floors with applied product.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

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# SCP HYDRO POLISH

## PRODUCT DESCRIPTION

Scientific Concrete Polishing HYDRO POLISH was designed to repair and maintain polished concrete with its neutral PH formula, safely removing dirt without dulling your polished concrete floors. Recommended for imparting water repellency to porous construction materials such as concrete, brick, stone, concrete blocks. Low VOC meets California South Coast AQMD requirements. Fast Beading Action. Excellent Water Repellency. Water-Based Easy to Use. Dilutable, Dilution Stable. Effective at Concentration as low as 3% Actives. No SiH vented containers required.

**STANDARD COLORS: Milky White**

### CURE SCHEDULE (70°)

<b>TACK FREE (DRY TO TOUCH)</b>	5 Min
<b>RECOAT OR TOPCOAT</b>	As soon as it's dry
<b>LIGHT FOOT TRAFFIC</b>	As soon as it's dry
<b>FULL CURE</b>	72 Hours for full repellency, 28 days full cure.

### COVERAGE

<b>COVERAGE RATE:</b>	700-800 sq ft/ gallon
<b>MIX RATIO:</b>	4 Parts Water to 1 Bottle
<b>PACKAGING INFORMATION:</b>	1 Gallon, Quart Bottle Concentrate and 5 Gallon Concentrate, Gallon Bottle Concentrate.

## PHYSICAL PROPERTIES

**FLEXURAL STRENGTH:** N/A **COMPRESSIVE STRENGTH:** N/A **TENSILE STRENGTH:** N/A **ADHESION:** N/A **VISCOSITY:** N/A **ABRASION RESISTANCE:** N/A  
**ULTIMATE ELONGATION:** N/A **HARDNESS:** N/A **VOLATILE ORGANIC CONTENT:** <100 g/l **SHELF LIFE:** 12 months in unopened container  
REAGENT RATING RATING KEY: A - NOT RECOMMENDED, B - 2 HOUR TERM SPLASH SPILL, C - 8 HOUR TERM SPLASH SPILL, D - 72 HOUR IMMERSION, E -  
LONG TERM IMMERSION. NOTE: EXTENSIVE CHEMICAL RESISTANCE INFORMATION IS AVAILABLE THROUGH YOUR SALES REPRESENTATIVE.

## LIMITATIONS

Certain types of "Cure and Seal" products may react to the sealer causing a slight discoloration (known to react with Rez Seal).

A blotchiness on the surface may occur during the first week or so during the curing phase (possible reaction to something in the concrete).

Do not install on very hot days (may produce uneven-looking areas).

Cold temps will not allow sealer to cure properly.

Good temperature range at time of application - between 50 - 95 degrees Fahrenheit: 50 degrees Fahrenheit on the low end (with no freezing that night)  
and no warmer than 95 degrees Fahrenheit on the high end.

## INSTRUCTIONS

**PRODUCT MIXING:** 1 Gallon: Empty contents of 1 Gallon concentrate in 1 Gallon pail. Add water to 1 Gallon mark. 5 Gallon: Empty contents of 5 Gallon concentrate in 5 Gallon pail. Add water to 5 Gallon mark.

**SURFACE PREPARATION, POLISHED CONCRETE:** After #400 Resin or Semi Metal cut, thoroughly clean floor using automatic scrubber.

**SURFACE PREPARATION, MASONRY & STONE:** Pressure washing is done to loosen dirt from slab. Best to use a type of "Hover Scrubber" for more even cleaning (but not absolutely necessary) and then a good rinsing with pressure wash wand to rinse off dirt.

**APPLICATION:** Apply by spraying Hydro Polish at 700-800 sq ft per Gallon using pump up type sprayer and finishing with Micro Fiber pad to spread evenly. Only apply at rate to maintain a wet edge across floor. Do not puddle. Remove any steaking with Micro Fiber pad while wet. Let cure 4-6 hours before continuing to #800 resin step DRY.

**CLEANUP:** N/A

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

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