

PRODUCT INFORMATION SHEET
5500 GROUT
PITCHING AND FILLER
For use with 5000 and 6000 Series Products

DESCRIPTION:

5500 Grout is trowel-applied at a minimum of 1/2" thickness. It is used to fill eroded areas or create slope prior to application of a 5000 and 6000 Series Systems. 5500 Grout can be installed up to 2" thick and requires a short cure time before finish system application.

ADVANTAGES:

- Excellent Adhesion
- Compatible With All PF&L 5000 and 6000 Series Finish Systems
- Significantly Stronger Than Concrete Fill
- Short Cure Time – Quick Cure
- Prepackaged Easy To Use
- Applicator Friendly – Trowel Applied System

USES:

- Fill Damaged Areas
- Build Up Low Areas
- Curbs and Pads
- Patch Machinery Footprints
- Slope to Drains

SUPPLEMENTAL PRODUCTS:

- ULTRAPRIME
Penetrating Moisture Cure Primer
- 5000 and 6000 Series
Finish Flooring Systems
- 6000 Series Linings
Finish Lining Systems

PACKAGING AND COVERAGE:

5500 Grout is packaged in UNITS -

5500 Grout Small Unit - 12 batches – covers approximately 81 square feet at 1/2 inch, or 3.4 cubic feet by volume - consists of –
1 - 5 gallon container - Part A (resin)
1 - 15 oz. container - Part B (catalyst)
12 boxes – Part C – (chemical resistant aggregate)
1 set - measuring tools

5500 Grout Large Unit - 120 batches – covers approximately 816 square feet at 1/2 inch, or 34 cubic feet by volume - consists of –
1 - 55 gallon drum - Part A (resin)
1 container - Part B (catalyst)
120 bags - Part C (aggregate)
1 set - measuring tools

PROPERTIES:

Compressive Strength	14,000 psi ASTM C-579 (resin)
Tensile Strength	9,500 psi ASTM D-638 (resin)
Flexural Strength	16,000 psi ASTM C-580 (resin)
Bond Strength	Greater than 350 psi ASTM C-321 100% concrete failure
Working Time at 75°F (24°C)	20-30 minutes ASTM C-308
Shelf Life	1 Year
Color	Natural
Solids by Content	By Weight - 95% By Volume - 95%
Maximum Depth of Pour	2 inches (Multiple 2 inch lifts can be applied)

SURFACE PREPARATION:

5500 Grout may be installed only on clean, sound substrates

Concrete:

New concrete must be cured a minimum of 28 days. All coatings, oils, grease and unsound concrete must be removed. Concrete surfaces must then be acid etched, scarified or shot blasted to remove surface laitance. A good bonding tooth, the texture of 60 grit sandpaper, is desired for maximum adhesion, with removal of all surface glaze.

Metal Surfaces:

Blast the surface to near white SSPC-SP10-70 or NACE No. 2 using a Venturi blast nozzle with 100 psi air. The blasting media used shall be properly graded, clean, sharp, angular abrasive similar to Humble Abrasive Flint #7 (6-30) mesh, or Steel Grit (HG25).

MIXING:

Prior to mixing, materials should be stored at 70°F (21°C) at least 48 hours.

ULTRAPRIME - is a single component product, so it can be applied directly to the floor without mixing.

5500 Grout - using measuring container supplied, measure 66 oz. (by volume) of Part A. Add 1 oz. of Part B and mix thoroughly for 2 minutes. Slowly add 1 bag of Part C and mix for 2 minutes.

Larger quantities – multiple batches of the 5500 Grout can be mixed in a mortar mixer.

APPLICATION:

Substrate temperature should be 65°-85°F (18°-29°C) during installation and for 96 hours thereafter for complete cure. Do not apply 5500 Grout when floor temperature is below 60°F (16°C). Roll ULTRAPRIME on floor at a rate of approximately 250 sq. ft. per gallon. Cure to a tacky finish (30-45 minutes). 5500 Grout - pour the entire batch onto the floor as soon as blended and trowel smooth with a steel trowel. Only prime areas you expect to overlay within 2 - 3 hours.

CURE TIME:

5500 Grout will harden to foot traffic in 2 hours at 75°F (24°C). Full cure and maximum physical property development will occur after 96 hours at 75°F (24°C).

CLEANUP:

Cured or hardened 5500 Grout will bond to practically all surfaces and is extremely difficult to remove. Clean all tools and mixer immediately after use with acetone or other solvent based cleaners.

SAFETY:

Avoid skin contact. If eye contact occurs, flush with water and consult a physician immediately. Keep work areas well ventilated. Never seal a container of mixed Part A and B as the continuing exothermic reaction may cause container to explode. 5500 Grout is manufactured using a styrene monomer, which will give off an odor during application. Customer is responsible for protecting employees and food products from these odors. Cured product poses no threat of odor contamination. 5500 Grout Material Safety Data Sheets are available upon request.

IMPORTANT NOTICE TO PURCHASER:

The following is made in lieu of all warranties, expressed or implied. Seller and manufacturer's only obligation shall be to replace such quantities of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising out of the use of or inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith. The foregoing may not be altered unless written authorization is received from PROTECTIVE FLOORINGS AND LININGS, A DIVISION OF A. W. CHESTERTON.

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