



PrecisionColor

Polymer Modified Sanded Grout

S-720

S-720 PRECISION COLOR CHROME SANDED JOINT FILLER

PRODUCT DESCRIPTION:

S-720 is a specially formulated sanded grout. Its unique design incorporates hydraulic cement technology with the addition of specialty polymer modifiers that eliminates effloresce and color inconsistency. S-720 is equipped with grout shielding technology to reduce water, dirt and filth from adhering to the surface of the joint. Its smooth texture and ease of handling allow S-720 to be grouted with minimal effort. Use S-720 for both floor and/or wall installations. This formulation will produce a dense serviceable joint with superior bond strength. S-720 is recommended for 1/8" through 1/2" joint widths. S-720 meets or exceeds ANSI A118.7. Summitville uses only the highest quality raw materials and the latest state-of-the-art mixing equipment for processing. This, along with our extensive Quality Assurance program, assures a consistent, high quality product. S-720 Precision Color Chromes are available in 16 colors to satisfy the most demanding color needs. Custom colors are also available in 2,000 pound minimum quantities.

USES:

S-720 Precision Color Chrome is suitable for use with all types of tile and stone which require a sanded joint of not less than 1/8" and not more than 1/2". Certain tiles may require sealing to prevent staining. Including but not limited to tile with high absorption and/or surface porosity. S-720 may be used in commercial kitchens, schools, food processing plants and residential areas where chemical resistance is NOT a prime concern. For areas that need high chemical resistance use the S-400, S-500, S-600, S-5000 or S-5100 series epoxies or S-4000 furan.

LIMITATIONS:

Not to be used in areas that will be in contact with concentrated acids, alkalis or solvents. Specify S-400, S-500, S-600, S-5000 or S-5100 series epoxies or S-4000 furan in these areas. S-720 should not be used to grout when the ambient temperature is below 50°F. Do not grout floors with S-720 until the setting material has cured at least 24 hours at 73° F and 50% relative humidity unless the installation has been set with a quick-setting thin-set mortar such as S-2000.

TECHNICAL DATA:

Compressive strength	>1,200 psi (24 hour) 3,000 psi (28 Day)
Pot life	30 minutes to 1 hour (at 73° F and 50% relative humidity)

MIXING:

S-720 should be mixed to a smooth consistency using a minimal amount of cool, clean, potable water. Use approximately 2 to 2.2 quarts per 25 pound bag of S-720. Mix in clean bucket by hand or with a low RPM mixer (150-250 RPM). **IMPORTANT:** S-720 must slake a minimum of 5-7 minutes and then be remixed before adjusting mix with additional water. The S-720 mix will appear slightly stiff when first mixed, but will become creamy after the required 5-7-minute slake period. Important: always use the minimum amount of water to achieve workability; excess water can cause grout shading and shrinkage or cracking.

APPLICATION:

Porous tile should be sealed before grouting to prevent tile staining. Always test a small area for grout staining before applying grout to the general area. Force S-720 into grout joints by working grout back and forth at a diagonal with a hard rubber float with a beveled edge such as supplied by the Beno J. Gundlach Company, making sure that each joint is completely filled. Use one of the following methods to clean up tile.

CLEAN-UP:

Remove as much grout film as possible with the edge of the rubber float. Allow the joints to firm slightly for 20 to 40 minutes, slightly longer if vitreous or semi-vitreous tile is used. Then use a wet towel method or sponge with cool, clean water and drag diagonally across joints being careful not to pull grout from joints. Use clean water only and frequently rinse towels or sponges to avoid grout shading or contamination with dirty clean-up water. Use minimal amounts of water as possible. SL-35 may be used to assist in clean up of cement haze after grout has cured for 4 hours. Should clean-up be insufficient after the above prescribed method, after grout has cured 7 days minimum, apply a saturated sulfamic acid solution (SL-70) to the tile surfaces to be cleaned per SL-70 instructions. After tiles are clean, rinse floor with clean water to remove all acid residue. **Caution:** SL-70 may remove the grout shielding technology from the surface of the grout. SL-99 can be applied to re-seal the surface. Cleaning with an acidic cleaner will also change the appearance of the grout. Modeling and white haze is the result of damaging uncured grout with harsh cleaners.

Tools may be cleaned with soap and water before grout dries. Dry powder spills should be swept up and disposed of in accordance with local regulations.

CURING:

Protect floors from traffic and contamination from other trades for a minimum of 72 hours at 73°F and 50% relative humidity. Grouts containing latex should not be damp cured.

PROTECTING NEW TILEWORK:

To avoid damage to finished tile work, schedule floor installations to begin only after all structural work, building enclosure and overhead finishing work, such as ceilings, painting, mechanical and electrical work are completed. Keep all traffic off of finished tile floors until S-720 has fully cured or provide up to 3/4" thick plywood protection over Kraft paper to protect floors before installation materials have fully cured.

CAUTION:

Per ANSI A 108.02, Do not install in areas where the temperature is not maintained above 50°F (10°C) or the temperature is above 100°F (38°C). Grout, mortar, substrate, tile, brick and stone temperatures must all be maintained between 50°F (10°C) and 100°F (38°C) before install and until cure is completed. The ceramic tile manufacturer should be consulted to determine if the tile being used is suitable for use with colored or sanded grout. **ALL COLORED GROUTS USED IN FLOORS ARE SUBJECT TO DISCOLORATION THROUGH NORMAL USE.** Even though S-720 is specially designed to reduce shading, tile grouts that contain Portland cement based products are subject to mottling or shading. Factors, such as job site conditions, tile porosity, non-uniform drying conditions or finishing techniques can cause shade variations in the cured grout. **TILE INSTALLATION SHOULD SET 24 HOURS BEFORE GROUTING TO REDUCE THE POTENTIAL OF EFFLORESCENCE BY THE SETTING MATERIAL.** However, if installation has been set with a quick-setting thin-set mortar such as S-2000, it can be grouted in 3 to 4 hours at 73°F and 50% relative humidity.

COVERAGE:

Please Refer to Grout Coverage Tables for Grouting Coverage

PACKAGING:

S-720 Precision Color Chrome is packaged in 25 pound bags.

COLORS:

Frost 510, Natural 562, Arctic White 511, Almond 515, Castle 519, Buckeye 524, Buckskin 525, Chocolate Chip 540, Seashore 541, Deerskin 549, Fudge 552, Mushroom 564, Gunpowder 566, Burlap 567, Silhouette 568, Silver Gray 570

SPECIFICATIONS:

Material: Sanded ceramic tile joint filler for joints on vertical or horizontal surfaces shall be S-720, consisting of a blended mix of Type I Portland cement, color-fast pigments, carefully graded quartz aggregate (#7 on M.O.H. Scale of Hardness), dry powdered latex, and other selected ingredients to assure superior density, compressive strength and hardness; as manufactured by Summitville Tiles, Inc., Summitville, Ohio. Materials shall meet or exceed all ANSI specifications.