



SummitProMax S-730 Ultra-Performance Grout

PRODUCT DESCRIPTION:

S-730 SummitProMax is a specially formulated grouting material. Its unique design incorporates revolutionary hydraulic hydrate cement technology with the addition of various specialty performance additives for a superior grout. S-730 can be used in both narrow and wide applications (recommended for 1/10" (*Typical glass tile mosaic widths*) through 1/2" joint widths). Accompanied with modifiers that reduce efflorescence and increase color consistency, S-730 is also equipped with grout shielding technology to reduce water and unwanted dirt from adhering to the surface of the joint. Its smooth texture and ease of handling allow S-730 to be grouted with minimal effort. S-730 meets and 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 an extensive Quality Assurance program, assures a consistent, high quality product. S-730 SummitProMax is available in various colors to satisfy the most demanding color needs. Custom colors are also available in 2000 pound minimum quantities.

STORAGE AND SHELF LIFE:

Shelf life of product under proper storage conditions is 1 year from the date of manufacture. Storage/exposure above 100°F, to high humidity, high moisture, and/or in opened containers may shorten shelf life and will void any warranties.

USES:

S-730 is suitable for use with all types of tile and stone which require a joint width of not less than 1/10" and not more than 1/2". Certain tiles may require sealing to prevent staining, including but not limited to tile and stone with high absorption and/or surface porosity. S-730 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, S-5100 series epoxies, or S-4000 furan.

TECHNICAL DATA:

Compressive Strength	1,000 psi (24 hour) >3,500 psi (28 Day)
Pot Life	30 to 45minutes (at 73° F and 50% relative humidity)
Water Absorption	< 5%

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, S-5100 Epoxy, or S-4000 furan in these areas. S-730 should not be used to grout when the ambient temperature is below 50°F. Do not grout floors with S-730 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 like S-2000.

MIXING:

S-730 should be mixed to a smooth consistency using a minimal amount of cool, clean, potable water. Use approximately 1.2 to 1.5 quart (1.1L to 1.4L) per 10 pound container of S-730. Use approximately 2.4 to 3 quarts (2.2L to 2.8L) per 20 pound container of S-730. Mix in clean bucket by hand or with a low RPM mixer (150-250 RPM). Allow S-730 to slake between 3-5 minutes and then remix before adjusting mix with additional water or S-730 powder.

APPLICATION:

Porous tile and stone should be sealed before grouting to prevent tile staining. Always test a small area first. Force S-730 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 Turkish towel method or a 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. SL-35 may be used to assist in clean up of cement haze after grout has cured for 4 hours. Use minimal amounts of water as possible. 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. Allow the SL-70 solution to remain for several minutes, and then clean with towels or burlap. After tiles are clean, rinse floor with clean water to remove any acid residue. **CAUTION:** SL-70 may remove the grout shielding technology from the surface of the grout. You may elect to reseal the surface once the grout has fully cured with SL-99. **NOTE:** Saturated sulfamic acid solution is prepared by adding and mixing sulfamic acid into clean water (*use a clean pail*) until the acid will no longer dissolve in the solution. Tools may be cleaned with soap and water before grout dries. Dry powder spills should be swept up (*minimizing dust creation*) 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 it 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:

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 calculator for Grouting Coverage

PACKAGING:

S-730 SummitPROMAX colors are packaged in 10 pound containers and 20 pound bags.

COLORS:

Frost 510, Arctic White 511, Taupe 526, Seashore 541, Driftwood 544, Fudge 552, Mushroom 564, Gunpowder 566, Burlap 567, Silver Gray 570. More colors to be added soon

SPECIFICATIONS:

Material: Ceramic tile joint filler for joints on vertical or horizontal surfaces shall be S-730, 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.