



## S-667 UN-SANDED JOINT FILLER

### PRODUCT DESCRIPTION:

S-667 un-sanded wall grout is designed for narrow joints when using porous-bodied or glazed tile. S-667 is stain resistant, easy to clean and has high compressive strength. Meets or exceeds ANSI A118.6 specifications.

### USES:

For grouting porous-bodied or glazed wall tile, set with narrow joints on a vertical surface.

### LIMITATIONS:

S-667 is formulated for narrow tile joints only (not to exceed 1/8") and is not designed for use on load bearing surfaces. Ambient temperature should be at least 50°F before grouting tile. Tile must have been set at least 24 hours before grouting at 73°F and 50% relative humidity. S-2000 may be used as a setting material to reduce setting cure time. See S-2000 technical data sheet for cure times.

### TECHNICAL DATA: Physical Properties

Modulus of Elasticity, psi	5.75 x 10 <sup>6</sup>
Compressive Strength, psi	Greater than 4,400
In-Joint Hardness in./100 pounds	
7 Day Dry Cure	.0014
3 Day wet Cure + 4 Day Dry Cure	.0015
Shrinkage in Joint	
48 Hours	0.000
28 Days	0.000
Water Absorption, %	22.4
Water Retentivity Index, %	18.89
Stain Resistance	
Mustard	No Stain Retained
Coffee	No Stain Retained
Ink	Very Slight Stain Removable

### MIXING:

Mixing: S-667 should be mixed to a smooth consistency with clean, cool, potable water. Do not use too much water when mixing S-667. Use approximately 1 gallon per 25lb bag. For improved physical properties and workability, mix liquid latex with S-667 as instructed by Summitville. **NOTE:** Add powder to liquid instead of liquid to powder when mixing.

### APPLICATION:

Dampen all grout joints prior to installation of unsanded joint filler. Dampen absorptive tile to improve grout color uniformity. Force S-667 into grout joints by working it back and forth at a diagonal to the grout lines 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. Grout joints should be compacted by striking or tooling with a blunt, rounded implement such as a Popsicle<sup>®</sup> stick.

**CLEAN-UP:**

Excess S-667 should be cleaned from tile surface during installation using the rubber backed trowel in a diagonal squeegee action. Remaining film should be removed before drying with a damp sponge or cheesecloth. Final polishing with cheesecloth is sometimes required to remove excess, dried film.

**CURING:**

ANSI A108 requires damp curing if S-667 or S-687 is mixed with water. S-667 and S-687 must be mixed with S-775 latex if installation is not to be damp cured. Allow 48 hours at 75°F of cure time minimum before using the installation.

**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. Do not use S-667 for wide joints or on load bearing surfaces. Use S-710 or S-700 instead. Do not use excessive water. Never grout any tile installation prior to 24 hours after setting at 73°F and 50% relative humidity unless a special quick setting mortar was applied during the tile setting process.

**PROTECTING NEW TILEWORK:**

To avoid damage to finished tilework, 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 finished tile floors until it has fully cured or provide up to ¾" thick plywood protection over Kraft paper to protect floors before installation materials have fully cured.

**COVERAGE: Please Refer to Grout Coverage Tables for Grouting Coverage**

**COLORS:**

Frost White 510, Natural 562, Arctic White 511, Almond 515, Castle 519, Mexican Sand 535, Seashore 541, Sahara Tan 545, Mushroom 564, Burlap 567.

**PACKAGING:**

S-667 is available in 5-pound containers and 25-pound bags.

**SPECIFICATIONS:**

Material: Un-sanded joint filler shall be S-667, a blended mixture of Type I Portland cement, color-fast pigments and water retention aid; as manufactured by Summitville Tiles, Summitville, Ohio. The material shall be used on porous-bodied or glazed ceramic tile for narrow joints (not to exceed 1/8") on vertical surfaces. Material shall meet or exceed ANSI A118.6 specification.

Color: Color shall be # \_\_\_\_\_.