

S-667 UNSANDED JOINT FILLER

(TILE COUNCIL FORMULA 567)

PRODUCT DESCRIPTION:

S-667 unsanded 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"). Ambient temperature should be at least 50°F before grouting tile. Tile must have been set at least 24 hours before grouting.

TECHNICAL DATA Physical Properties:

Modulus of Elasticity, psi	5.75 x 10 ⁶
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

INSTALLATION:

Mixing: S-667 should be mixed to a smooth consistency with clean, cool, potable water only. Do not use too much water when mixing S-667. Use approximately 1 gallon per 25-lb. bag. For improved physical properties and workability, mix 3 quarts of S-775 per 25-lb. bag of S-667. **NOTE: ADD POWDER TO LIQUID INSTEAD OF LIQUID TO POWDER WHEN MIXING.**

APPLICATION:

Force S-667 into grout joints by working it back and forth at a diagonal with a Grout Master or similar hard rubber float or trowel, making sure that each joint is completely filled. Grout joints should be compacted by striking or tooling with a blunt, rounded implement (popsicle stick).

CLEANING:

Excess S-667 should be cleaned from tile surface by a diagonal squeegee action using the rubber backed trowel. 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:

Damp mopping or wet curing is recommended for increased hardness. Allow 48 hours at 75°F of cure time before using the installation.

CAUTION:

Do not use S-667 for wide joints or on load bearing surfaces. use S-700 instead. Do not use excessive water. NEVER GROUT ANY TILE INSTALLATION PRIOR TO 24 HOURS AFTER SETTING.

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 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.

COVERAGE:

Approximate Coverage: Sq. Ft./Lb.

Grout Coverage: *S-667

Tile Size	* S-667 Joint Width	
	1/16"	1/8"
1" x 1" x 1/4"	4.8	2.4
2" x 2" x 1/4"	9.6	4.8
3" x 3" x 1/4"	14.4	7.2
4" x 4" x 1/4"	19.2	9.6
4 1/4" x 4 1/4" x 5/16"	13.6	6.8
6" x 6" x 1/4"	28.8	14.4
6" x 8" x 1/4"	33.2	16.6
6" x 8" x 3/8"	22.2	11.1
8" x 8" x 1/4"	38.4	19.2
8" x 10" x 1/4"	43	21.5
8" x 10" x 3/8"	28.6	14.3
8" x 12" x 1/4"	47	23.5
10" x 12" x 1/4"	52.6	26.3
10" x 12" x 3/8"	35	17.5
12" x 12" x 3/8"	38.4	19.2
12" x 12" x 1/2"	28.8	14.4
16" x 16" x 3/8"	51.2	25.6
16" x 16" x 1/2"	38.4	19.2

*S-667 coverage is in sq. ft. per lb. of grout powder.

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-lb. containers and 25-lb. bags.

SPECIFICATIONS:

Material: Unsanded 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, Inc., 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 # _____.