

100% SOLIDS EPOXY GROUT

- **Highly stain resistant**
- **High chemical resistance**
- **Non-slumping**
- **Color consistent and colorfast**
- **Easy water clean-up**



PRODUCT DESCRIPTION

100% Solids Epoxy Grout is a two-component system consisting of a resin and hardener that is combined with any Polyblend® Sanded Grout to fill joint widths from 1/8" to 3/8" (3 - 10 mm). It offers maximum resistance to staining and chemical attack from food, beverages, chemicals and cleaning agents. Delivers a grout that is uniform in color and colorfast. Easy to apply and cleans up easily with water.

USES

- For grouting vitreous, semi-vitreous or impervious tile including ceramic, mosaic, quarry, pavers, cement, porcelain, glass, brick, mini-brick, precast terrazzo and natural stone.
- Use on floors, countertops, walls, ceilings, showers, fountains, pools. For best results when using on vertical applications, use with Non-Slump Epoxy Additive.
- Use to fill joint widths from 1/8" to 3/8" (3 - 10 mm).
- Use in high traffic areas, such as airports and shopping malls.
- Applications requiring high acid and chemical resistance such as dairies, breweries, bottling plants, bakeries, meat packing plants, pharmaceutical plants and animal hospitals.
- For interior use or exterior installations with surface temperatures between 60° F (16° C) and 90° F (32° C).

LIMITATIONS

- Not recommended for use as a setting material.
- When used on exterior installations, color variations may occur over time, especially with lighter shades. May stain light colored marble or stone. Test a small area and check for staining prior to grouting the entire installation.

- All epoxies are temperature sensitive. 100% Solids Epoxy Grout is easiest to apply when temperatures are between 70° F and 85° F (21° C and 29° C). Lower temperatures will cause the epoxy to become stiff and more difficult to work and will extend initial set. Higher temperatures will cause the epoxy to become more fluid and will accelerate the set. Not recommended for exposure to continuous temperatures above 160° F (71° C).
- With all epoxies, a "crystallization" effect can occur when the liquid gets below 45° F (7° C) and/or has experienced multiple cycles of high and low temperature changes. If material is hard, place the sealed container (with the lid on), in warm tap water at approximately 120° F (49° C) for 10 to 20 minutes, and when re-liquefied, let the material return to room temperature before mixing.
- Not recommended in some manufacturing facilities where heavy solvents are used. Consult Technical Services on questionable installations.
- Colors may be slightly different than shown on Polyblend color samples. When color considerations are critical, a mock-up should be constructed prior to final selection and application.
- The use of non-rinse, enzyme-based cleaners is not recommended because they will break down the organic materials in epoxy grout, causing permanent damage.

SURFACE PREPARATION

Tile must be firmly attached to a sound substrate and setting material must be cured a minimum of 24 - 48 hours before grouting. Remove all spacers. Grout joints should be uniform in depth and width and free of all loose debris, contaminants and excess mortar.



CUSTOM[®]
BUILDING PRODUCTS

MIXING

Stir contents of part "A" thoroughly, then combine entire contents of part "A" and "B" in a clean mixing container. Stir with a margin trowel until thoroughly mixed. Gradually add a 25 lb. (11.34 kg) bag of Polyblend Sanded Grout into pre-mixed liquids. Using a low speed mechanical mixer (300 rpm or less), mix until smooth. Consistency can be adjusted by reducing the amount of powder added up to 25% (17 lbs). Typically narrow joints require less Polyblend. For vertical installations, add Non-Slump Epoxy Additive according to directions.

APPLICATION

Remove all mixed epoxy from container and place in small piles where work is to proceed. This will extend working time. When grouting walls, place epoxy on mortar board placed on the floor. Using an epoxy grout float, pack joint full with epoxy being careful not to leave voids during application. Remove excess epoxy by holding grout float at a 90° angle and pulling the float diagonally across the grout joints. Removing as much epoxy as possible will make final cleaning easier. Avoid gouging joints. Allow joint to set for approximately 15 - 30 minutes or until they begin to firm. Time will vary depending upon substrate and ambient temperature. Do not allow epoxy to set on face of tile. Apply liberal amounts of clean, cool water to the grouted area. Adding a few drops (maximum) of Dawn® dishwashing liquid to the water will aid in cleanup. Using a white nylon pad, work in a circular motion to loosen epoxy film and finish joints smoothly. If necessary add more water to aid cleaning. Clean film from tile with with a damp cotton towel and clean water. Change rinse water frequently to aid clean-up and minimize epoxy residue left behind. If a film is noticed after final clean-up, allow joints to cure for 2 hours (depending upon temperature) and rinse grouted tile with clean water and hydro sponge.

COVERAGE

Coverage will vary depending on tile size and joint width.

SQUARE FOOT COVERAGE PER GROUTING UNIT (SQUARE METER PER GROUTING UNIT) TILE SIZE		JOINT WIDTH							
		1/8"	(3 MM)	3/16"	(4.5 MM)	1/4"	(6 MM)	3/8"	(9.5 MM)
1" x 1" x 1/4"	(25 x 25 x 4.5 mm)	55	(5.1)	43	(4.0)	31	(2.9)	23	(2.1)
2" x 2" x 1/4"	(50 x 50 x 6 mm)	110	(10.2)	74	(6.9)	60	(5.6)	45	(4.2)
3" x 3" x 1/4"	(75 x 75 x 6 mm)	155	(14.4)	106	(9.8)	82	(7.6)	58	(5.4)
4 1/4" x 4 1/4" x 1/4"	(106 x 106 x 6 mm)	215	(20.0)	147	(13.7)	110	(10.2)	80	(7.4)
6" x 6" x 1/4"	(150 x 150 x 6 mm)	295	(27.4)	204	(19.0)	155	(14.4)	106	(9.8)
8" x 8" x 3/8"	(200 x 200 x 9.5 mm)	267	(24.8)	201	(18.7)	136	(12.6)	92	(8.5)
12" x 12" x 3/8"	(300 x 300 x 9.5 mm)	396	(36.8)	299	(27.8)	202	(18.8)	136	(12.6)
16" x 16" x 3/8"	(400 x 400 x 9.5 mm)	527	(49.0)	397	(36.9)	267	(24.8)	176	(16.3)
20" x 20" x 3/8"	(500 x 500 x 9.5 mm)	664	(61.7)	499	(46.4)	334	(31.0)	224	(20.8)
24" x 24" x 3/8"	(600 x 600 x 9.5 mm)	802	(74.5)	599	(55.6)	396	(36.8)	267	(24.8)

CURING

Generally, light foot traffic can be allowed in 18 hours at 75° F (24° C), normal foot traffic in 24 hours and heavy foot traffic in 72 hours. Epoxy should be kept dry and protected from exposure to food or other chemicals, that could stain or attack the grout, for 7 days after installation.

CLEAN-UP

Clean tools and hands with water before material dries.

STORAGE

Keep from freezing.

SAFETY

WARNING: All epoxies have a corrosive potential until mixed. When handling epoxy mortar or grout, protective eyewear and rubber gloves are strongly recommended.

In confined areas, an approved respirator is also strongly recommended. If epoxy comes in contact with skin or eyes, flush liberally with water. After using, wash hands thoroughly with soap and clean water before eating, drinking or smoking. Keep out of reach of children. Do not take internally. Keep from freezing.

TECHNICAL DATA

Meets ANSI A118.3 specifications.

100% SOLIDS EPOXY GROUT	
Compressive Strength	>7000 psi (492.1 kg/cm ²)
Pot Life @ 75°F (24°C)	60 minutes
Initial Set @ 75°F (24°C)	4 hours
Final Set @ 75°F (24°C)	18 - 24 hours
Final Cure @ 75°F (24°C)	7 days
Water Cleanable @ 75°F (24°C)	90 minutes
SAG Vertical Joint	None

ORDERING INFORMATION

ITEM CODE	SIZE	COLOR	PACKAGE
USA			
SEGW	Grouting Unit: 80 fl. oz. (2.4 L) A 40 fl. oz. (1.2 L) B	White Colors	Pail Bottle Bottle
SEGC	Grouting Unit: 80 fl. oz. (2.4 L) A 40 fl. oz. (1.2 L) B	Mid Tone Colors	Pail Bottle Bottle
SEGD	Grouting Unit: 80 fl. oz. (2.4 L) A 40 fl. oz. (1.2 L) B	Deep Tone Colors	Pail Bottle Bottle
Canada			
CSEGSW	Small Unit: 24 fl. oz. (710 ml) A 12 fl. oz. (355 ml) B	White Colors	Pail Bottle Bottle
CSEGSC	Small Unit: 24 fl. oz. (710 ml) A 12 fl. oz. (355 ml) B	Mid Tone Colors	Pail Bottle Bottle
CSEGSD	Small Unit: 24 fl. oz. (710 ml) A 12 fl. oz. (355 ml) B	Deep Tone Colors	Pail Bottle Bottle

MIX EPOXY FOR LIGHT COLORS (SEGW) WITH THE FOLLOWING 25 LB. (11.34 KG) POLYBLEND SANDED GROUT COLORS:

#10 Antique White
#11 Snow White
#333 Alabaster
#381 Bright White
#382 Bone

MIX EPOXY FOR MID TONE COLORS (SEGC) WITH THE FOLLOWING 25 LB. (11.34 KG) POLYBLEND SANDED GROUT COLORS:

#17 Butter Cream #180 Sandstone
#19 Pewter #185 New Taupe
#22 Sahara Tan #190 Bay Leaf
#45 Summer Wheat #301 Arctic Ice
#50 Nutmeg #311 Moss
#90 Ocean Blue #335 Winter Gray
#101 Quartz #365 Canvas
#105 Earth #370 Dove Gray
#115 Platinum #380 Haystack
#122 Linen #383 Italian Straw
#135 Mushroom #385 Driftwood
#145 Light Smoke #386 Oyster Gray
#156 Fawn #390 Rose Beige
#165 Delorean Gray

MIX EPOXY FOR DEEP TONE COLORS (SEGD) WITH THE FOLLOWING 25 LB. (11.34 KG) POLYBLEND SANDED GROUT COLORS:

#9 Natural Gray #384 Camel
#35 Chaparral #387 Captains Blue
#52 Tobacco Brown #388 Mallard Green
#60 Charcoal #389 North Sea Green
#95 Sable Brown #405 Midnight Blue
#96 Quarry Red Clay #410 Black Cherry
#195 Pale Mauve #415 Concord Grape
#305 Onyx Green #420 Lipstick

LIMITED WARRANTY

Custom Building Products ("Custom") warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's sole liability under this warranty shall be limited to the replacement of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's printed instructions. Custom makes no other warranties either express or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.



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