

# POLYBLEND® NON-SANDED GROUT

- **Polymer-modified – mix with water for any tile or stone installation**
- **Consistent color**
- **Ideal for highly glazed tile or highly polished stone**
- **Resistant to shrinking, cracking, powdering and wear**
- **Meets ANSI A118.6 specifications**

## PRODUCT DESCRIPTION

Polymer-modified, non-sanded Portland cement dry grout used for joints up to 1/8" (3 mm) wide. Excellent for highly glazed ceramic tile or highly polished marble or natural stone that can be scratched by sanded grouts. It's non-shrinking and durable. Polymer-modified — Meets the most demanding installation requirements without additives. Meets ANSI A118.6.

## USES

- For grouting soft glazed tile, marble or other polished stone that could be scratched by sanded grouts.
- For grout joints up to 1/8" (3 mm).
- Use on floors, countertops, walls, ceilings, showers, fountains and pools.
- For interior or exterior installations.
- Rated (ASTM C627) for residential to extra heavy commercial use.

## LIMITATIONS

- Portland cement grout should not be installed when ambient temperature is below 50° F (10° C) or for exterior applications if rain is expected within 24 hours.
- For industrial and commercial installations where chemical resistance is required, use 100% Solids Epoxy Grout in accordance with ANSI A118.3.
- Generally white grout is best suited for grouting white or light colored marble or granite. Follow tile manufacturer's recommendations. Test a small area prior to use.  
Certain tile with high absorption, surface porosity or rough, textured surfaces and certain types of porcelain may require sealing prior to grouting to prevent staining. Use TileLab® SurfaceGard® Penetrating Sealer as a grout release to prevent grout staining when required.
- Efflorescence, a crystalline deposit that sometimes appears on cement grout as a whitish powder or crust, can occur with any Portland cement based product. If it occurs, remove with TileLab Sulfamic Acid Cleaner or Grout Haze Remover according to directions. Some natural stones are sensitive to acids. Test cleaners in an inconspicuous area before use. If the stone is sensitive, use TileLab® Heavy-Duty Cleaner & Stripper.

- Color variations can occur in any Portland cement product including grout due to differing tile types, tile porosity, jobsite conditions, application/cleaning techniques. Color variations can be minimized by following directions and using as little water as possible for cleanup.
- Caution: Chemicals in salt-based pool filtration systems may cause a reaction with blue, green and red grouts. Contact Technical Services for recommendations.

## 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. Pre-seal tile or stone that can be subject to staining with TileLab SurfaceGard Penetrating Sealer.

## MIXING

To minimize color variation when using containers of the same color grout with different batch numbers, dry-blend the powder prior to mixing with water. Start with 3 pints (1.4 L) of cool, clean water. Mix in 10 lbs (4.5 kg) of grout with a margin trowel or low speed mixer (less than 300 RPMs) to a smooth, creamy consistency. If needed, up to one pint (473 ml) of additional water may be added to adjust consistency. Do not use additives. Let stand 10 minutes, re-mix before use. Periodic mixing during application keeps the grout workable but do not add additional water once mixed as this weakens the material. Consistency of mixing ratio between batches helps to maintain color shade uniformity. Discard grout when too stiff to work, about 2 hours.

## APPLICATION

Installation to conform to ANSI A108.10. Lightly dampen absorptive, highly porous tile with clean, cool water but leave no standing water in the joints. Holding a rubber grout float at a 45° angle, force grout diagonally into joints ensuring joints are completely filled. Remove excess grout using edge of float held at a 90° angle. Cleanup can begin when grout can be only slightly indented when pushed hard with your fingernail or about 10 - 20 minutes depending on type of tile and ambient temperature. Use as little water as possible for grout cleanup. Excess water will weaken the joint, cause variation in color and may cause shrinkage, cracks or pinholes. Smooth and level joints and remove excess grout from tile with a damp (not wet) small pore (hydrophilic) grout sponge using a circular motion. Change water and rinse sponge frequently. Using clean water and sponge will enhance color uniformity. Wait 2 hours before removing haze from tile surface with a soft, dry cloth.



**CUSTOM**  
BUILDING PRODUCTS

## CURING

Periodically mist the installation with clean, cool water for 3 days.

## CLEANUP

Clean tools and hands with water before material dries.

## CARE AND MAINTENANCE

Mold and mildew can grow on dirt, food and soap scum that can accumulate on the grout surface. Sealing the grout and keeping it clean with TileLab® products will greatly inhibit mold and mildew growth

Seal grout joints with TileLab SurfaceGard Penetrating Sealer after grout has cured for 48 - 72 hours. For routine cleaning use a TileLab cleaner.

## SAFETY

Contains Portland cement. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician. This product contains free silica. Do not breathe dust; wear NIOSH approved respirator.

## COVERAGE

Coverage will vary depending on tile size and joint width.

TILE SIZE	SQUARE FOOT COVERAGE PER LB (SQUARE METER PER .45 KG)	JOINT WIDTH			
		1/16" (1.5 MM)		1/8" (3 MM)	
		sq ft	m <sup>2</sup>	sq ft	m <sup>2</sup>
1" x 1" x 1/4"	(25 x 25 x 6 mm)	4.4	(.41)	2.0	(.18)
2" x 2" x 1/4"	(50 x 50 x 6 mm)	8.5	(.79)	4.0	(.37)
3" x 3" x 1/4"	(75 x 75 x 6 mm)	12.6	(1.17)	6.0	(.56)
4 1/4" x 4 1/4" x 1/4"	(108 x 108 x 6 mm)	14.9	(1.35)	7.8	(.65)
4 1/4" x 4 1/4" x 5/16"	(108 x 108 x 8 mm)	14.5	(1.35)	7.0	(.65)
6" x 6" x 1/4"	(150 x 150 x 6 mm)	25.0	(2.32)	12.0	(1.12)
6" x 6" x 1/2"	(150 x 150 x 12 mm)	12.5	(1.16)	6.0	(.56)
6" x 8" x 1/4"	(150 x 200 x 6 mm)	28.4	(2.64)	14.0	(1.30)
8" x 8" x 1/4"	(200 x 200 x 6 mm)	33.0	(3.07)	17.0	(1.58)
8" x 8" x 3/8"	(200 x 200 x 9 mm)	22.0	(2.05)	11.0	(1.03)
10" x 10" x 3/8"	(250 x 250 x 9 mm)	27.5	(2.56)	13.7	(1.28)
12" x 12" x 3/8"	(300 x 300 x 9 mm)	33.1	(3.07)	17.1	(1.58)

## ORDERING INFORMATION

We will match any color as a special order.

ITEM CODE	SIZE	COLOR	PACKAGE
USA Stock Colors			
PBGXXX10	10 lb. (4.5 kg)	All 48 colors available.	Box
NSG1025*	25 lb. (11.34 kg)	#10 Antique White	Bag
NSG1125*	25 lb. (11.34 kg)	#11 Snow White	Bag
NSG12225**	25 lb. (11.34 kg)	#122 Linen	Bag
NSG16525**	25 lb. (11.34 kg)	#165 Delorean Gray	Bag
NSG33325**	25 lb. (11.34 kg)	#333 Alabaster	Bag
NSG36525**	25 lb. (11.34 kg)	#365 Canvas	Bag
NSG38025**	25 lb. (11.34 kg)	#380 Haystack	Bag
NSG38125*	25 lb. (11.34 kg)	#381 Bright White	Bag
NSG38225*	25 lb. (11.34 kg)	#382 Bone	Bag
Special Order Colors			
NSGXXX25	25 lb. (11.34 kg)	All 48 colors available.	Bag
Canada Stock Colors			
CPBGXXX7N	7 lb. (3.17 kg)	All 48 colors available.	Box
CPBG0925N	25 lb. (11.34 kg)	#9 Natural Gray	Bag
CPBG1025N	25 lb. (11.34 kg)	#10 Antique White	Bag
CPBG2225N	25 lb. (11.34 kg)	#22 Sahara Tan	Bag
CPBG6025N	25 lb. (11.34 kg)	#60 Charcoal	Bag
CPBG12225N	25 lb. (11.34 kg)	#122 Linen	Bag
CPBG14525N	25 lb. (11.34 kg)	#145 Light Smoke	Bag
CPBG16525N	25 lb. (11.34 kg)	#165 Delorean Gray	Bag
CPBG18025N	25 lb. (11.34 kg)	#180 Sandstone	Bag
CPBG38025N	25 lb. (11.34 kg)	#380 Haystack	Bag
CPBG38125N	25 lb. (11.34 kg)	#381 Bright White	Bag
CPBG38625N	25 lb. (11.34 kg)	#386 Oyster Gray	Bag
Special Order Colors			
CPBGXXX25N	25 lb. (11.34 kg)	All 48 colors available.	Bag

\* Available from Georgia, Indiana and New Jersey plants only.

\*\* Available from Georgia plant only.

## TECHNICAL DATA

Meets or exceeds ANSI A118.6 specifications

POLYBLEND NON-SANDED GROUT	
Applicable Standards	A118.6
Linear Shrinkage:	
7 day cure	<0.10%
Water Absorption:	
After immersion	16%
After drying	19%
Compressive Strength	3,300 psi
Tensile Strength:	
7 day cure	315 psi
28 day cure	525 psi
Flexural Strength (7 days)	>790 psi
Pot Life	1 - 2 hours
Initial Set	5 hours
Final Set	6 hours

