



POLY - PRO SANDED

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION

POLY-PRO is a polymer-modified cement-based sanded grout for floor, wall, interior, and exterior installations. This grout consists of fine pure sand, blended with Portland cement, and selected additives to produce excellent strength and workability for tile installations. Accommodates joints between 1/8" to 1/2" inch. Water protection additive included.

Available in different colors 25 Lb. Bag.

INDUSTRY STANDARDS AND APPROVALS

- ANSI: Exceeds ANSI A118.6 Requirements

WHERE TO USE

- Residential and commercial installations.
- Interior and exterior applications.
- Walls and Floors on joints between 1/8" to 1/2" inch.

LIMITATIONS

- Install only at temperatures between 50°F and 90°F.
- Do not use for grout joints less than 1/8". Instead, use Poly Pro Non-Sanded Grout.
- Porous surfaces and high-water absorption tiles or stones may require sealing with CP-25 Admix prior to applying grout to avoid staining.
- Not for use when grout is exposed to high heat, high-pressure cleaning, or continuous chemicals.
- Not for use in movement joints.

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SURFACE PREPARATION

- Substrate temperature must be between 50°F and 90°F.
- Before starting to grout, remove all spacers, loose debris, and excess mortar.
- Grout joints must be clean and free of standing water, dust, dirt, and other contaminants.
- Tile must be attached to a sound substrate and setting material must be cured a minimum of 24 - 48 hours prior to grouting. (Grout can be applied in approximately 4 hours utilizing CementPro's Fast Pro Mortar).

MIXING

1. Pour clean, potable water in a clean mixing container. A full bag (25 lb.) of Poly Pro Sanded Grout needs approximately 2/3 part of a gallon (2.5 Liters) of water.
2. Gradually add the contents of the bag to the liquid and mix thoroughly by hand or by using a slow speed drill and mixing device.
3. Mix the material until lump free and into a thick and creamy consistency.
4. Let the mixture slake or stand 10 - 15 minutes.
5. Remix.
6. Occasional mixing during use is recommended. However, DO NOT re-temper. The addition of water (re-tempering) can reduce the materials performance and bond strength.

APPLICATION

1. Lightly dampen absorptive, highly porous tile, but leave no standing water in the joints.
2. With a rubber grout float at a 45° angle, fill joints completely, moving diagonally across tile, then remove the excess grout holding the edge of the float at a 90° angle.
3. Do not wash grout too soon, otherwise this could lead to pin holes, high and low spots, cracking, and discoloration.
4. A simple test can be made, when the area of the first applied grout firms and doesn't transfer to your finger it is possible to begin cleaning. Temperature, humidity, and tile porosity will affect the time to start washing.
5. Use minimal water to clean up the grout.
6. With a damp, small pore sponge, move in circular motions with steady pressure to smooth and remove excess grout.

CURING

- The length of full curing depends on climate conditions, usually 24 to 72 hours.
- Sealing is not required. However, grout sealer from CementPro's family of sealers may be applied.
- Allow for proper curing prior to sealing of grout.

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COVERAGE PER BAG

TILE SIZE (width x length x thickness)		Joint Width					
		$\frac{1}{8}"$ (3.2 mm)		$\frac{1}{4}"$ (6.3 mm)		$\frac{1}{2}"$ (12.7 mm)	
in	cm	ft ²	m ²	ft ²	m ²	ft ²	m ²
2 x 2 x $\frac{1}{4}$	5 x 5 x 0.63	93	8.6	51	4.7	30	2.8
4.25 x 4.25 x $\frac{1}{4}$	10.8 x 10.8 x 0.63	185	17.7	97	9	53	4.9
8 x 8 x $\frac{3}{8}$	20 x 20 x 0.95	214	10	118	11	61	5.7
12 x 12 x $\frac{3}{8}$	30.5 x 30.5 x 0.95	345	32	174	16.2	89	8.3
18 x 18 x $\frac{3}{8}$	45.7 x 45.7 x 0.95	514	47.8	258	24	132	12.3
24 x 24 x $\frac{3}{8}$	61 x 61 x 0.95	684	63.5	344	32	175	16.3
6 x 24 x $\frac{3}{8}$	15.2 x 61 x 0.95	275	25.5	140	13	72	6.7
12 x 24 x $\frac{3}{8}$	30.5 x 61 x 0.95	467	43.4	230	21.4	118	11
12 x 48 x $\frac{3}{8}$	30.5 x 122 x 0.95	548	50.9	275	25.5	140	13

TECHNICAL INFORMATION

Shelf Life	1 Year
Storage	Dry and closed, no humidity
Physical State	Powder
Pot Life	40 minutes
Application Temperature Range	50°F - 90°F
VOC	0 g per L

ANSI SPECIFICATIONS

Property	Test Duration and/or Conditions	Results	ANSI A118.6 Requirements
Linear Shrinkage	27 days	0.14% - 0.16%	< 0.20%
Water Absorption	50% relative humidity to immersion	4.55%	< 10%
Compressive Strength	1 day	990 PSI	500 PSI
	28 days	3530 PSI	3000 PSI
Flexural Strength	28 days	2140 PSI	500 PSI



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PRECAUTIONARY STATEMENTS

- This material contains Portland cement, silica sand and polymers.
- Contact with dry or freshly mixed mortar, grout or concrete may cause skin irritation.
- If direct contact occurs, wash exposed skin areas promptly with soap and water.
- If any cement material gets into the eyes, rinse immediately and repeatedly with water, and seek prompt medical attention.
- For detailed information on how to use and handle this product safely, see the Material Safety Data Sheet.

KEEP OUT OF REACH OF CHILDREN

CEMENTPRO, as a manufacturer of processed material in the state of California, is required by Proposition 65 to provide warning that one or more of the components contained in this product could contain chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. The state of California requires the above warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacture, distribution and intended use.

WARRANTY

1-Year Product Limited Warranty.

Obtain the applicable

LIMITED PRODUCT WARRANTY

at <https://cementpro.com/warranty/>

When Poly-Pro Sanded Grout is used as part of an installation system of CEMENTPRO products, this can qualify for up to a 25-year system warranty. Reference the applicable System Warranty at www.cementpro.com

For Warranty Questions:

Write to: 3929 E Guasti Rd, Unit C
Ontario, CA 91761

Call: (951) 300-0300 Ext. 600

Email: Warranty@cementpro.com

