



POLY-PRO SANDED

TECHNICAL DATA SHEET



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PRODUCT DESCRIPTION

Poly-Pro Sanded Grout is a premier polymer-modified cement-based sanded grout that delivers unparalleled performance for your floor, wall, interior, and exterior tile installations. Designed to accommodate joint widths ranging from 1/8" to 1/2", Poly-Pro Sanded Grout offers unparalleled versatility. Recognizing the importance of water resistance in tile installations, Poly-Pro Sanded Grout comes equipped with a water protection additive. This helps protect from the damaging effects of moisture, ensuring long-lasting performance and peace of mind. With its exceptional strength, workability, and water protection, this product is the perfect solution for delivering high-quality, durable tile installations that exceed expectations.

Available in 25 Lb. bags, in 32 different colors.

INDUSTRY STANDARDS AND APPROVALS

ANSI: ANSI A118.6

VOC: SCS Indoor Advantage Gold

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 100° F.
- Do not use for joints less than 1/8" inch. Instead, use [Poly-Pro Non-Sanded grout](#).
- Porous surfaces and high-water absorption tiles or stones may require sealing with [CP-25 admixture](#) before 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.

SURFACE PREPARATION

- Substrate temperature must be between 50° F and 100° F.
- Before starting to grout, remove all spacers, loose debris and excess mortar.
- Grout joints must be clean and free from standing water, dirt, dust or any other bond-breaking 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](#).*
- **Substrate prep should comply with ANSI A108.01 "General Requirements: Subsurfaces and Preparations by Other Trades."**
- **Consult TCNA method EJ-171 for expansion joint placement.**

MIXING

- 1 Pour clean, potable water into a clean mixing container. A full bag (25 lbs.) of Poly-Pro Sanded Grout needs approximately 3 quarts (2.8 Liters) of water.
- 2 Gradually add the bag's contents to the liquid while slowly mixing.
- 3 Using an electric drill with an angled cross (blade mixer), mix on low speed for 2 to 3 minutes until the material becomes a thick and creamy consistency.
- 4 Let the mixture slake or stand for 5-15 minutes. **ANSI A108.10 section 5.1.2 states 15 minutes, however, NTCA Reference Manual 2023/2024 recommends 5-10 minutes for latex modified grouts.*
- 5 Remix.
- 6 Occasional mixing of the mortar during use is recommended. However, DO NOT add fresh materials or re-temper. Adding water (re-tempering) can reduce the materials' performance and bond strength.

- >> **Cold Weather Note:** The setting of cementitious mortars and grouts slows concurrently as the temperature drops from 50°F to 35°F. At 35°F it almost ceases. When these conditions occur, additional time must be allowed for the cement bonding materials to sufficiently harden before traffic is allowed. Do not allow mortar or grout to freeze, and do not apply when the substrate is frozen.
- >> **Hot Weather Note:** Hot weather, or any combination of high air temperature, low relative humidity and wind velocity, increases the tendency for dry shrinkage cracking of mortars and grouts, poor physical strength of the cured setting materials from the higher levels of water used during mixing, improper curing and decreases the durability of the installation. Substrates exposed to direct sunlight will have increased temperatures resulting in a rapid loss of workability increasing a mortar's tendency to skin over and dehydrate prematurely and fail to achieve its design strength.

Be aware that it is the temperature of the tile products, bonding materials and substrate that counts, not just the air temperature.

APPLICATION (Refer to current ANSI A 108.10 specifications and TCNA handbook guidelines)

- 1 Lightly dampen absorptive, highly porous tile, but leave no standing water in the joints.
- 2 Using force and an appropriate grout trowel or float, fill all grout joints until there are no voids. After filling the joints, remove as much excess grout as possible from the surface of the tile by holding the trowel at a 90° angle and going diagonally across the tile from corner to corner.
- 3 Do not wash grout too soon, otherwise this could lead to pinholes, 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 initial set and full cure length depend on climate conditions, usually 24 to 48 hours.
- Sealing is not required, however, [Grout Sealer](#) from CementPro may be applied.
- Allow for proper curing before sealing grout.
- DO NOT accelerate the curing of this material with mechanical fans or heating devices.

TECHNICAL INFORMATION	
Shelf Life	1 Year
Storage	Dry and closed / No humidity
Physical State	Powder
Pot Life	40 minutes
VOCs (SCAQMD Rule #1168)	0g per L

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

ANSI A118.6 SPECIFICATION			
PROPERTY	TEST DURATION AND/OR CONDITIONS	RESULTS	REQUIREMENTS
Linear Shrinkage	27 days	0.14% - 0.16%	< 0.20%
Water Absorption	50% relative humidity to immersion	4.55%	< 10%
Compressive Strength	1 days	990 psi	500 psi. min.
	28 days	3530 psi	3000 psi. min.
Flexural Strength	28 days	2140 psi	500 psi. min.

ENVIRONMENTAL INFORMATION

CementPro is committed to environmental responsibility in products produced and manufacturing practices. For information on CementPro's commitment to sustainability and transparency and how CementPro products may contribute to green building standards and certification systems, contact sustainability@cementpro.com or visit www.cementpro.com/sustainability.

// KEEP OUT OF REACH OF CHILDREN //

PRECAUTIONARY STATEMENTS

This material contains Portland cement and silica sand.

- Contact with dry or freshly mixed mortar, grout, or concrete may cause skin irritation.
- Avoid direct contact and wash exposed skin areas promptly with water.
- If any cementing 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](#).

California Prop 65 Warning for Quartz Silica Sand

This product contains crystalline silica, a substance known to the State of California to cause cancer. Inhalation of crystalline silica dust can increase the risk of lung cancer, especially for those exposed for extended periods. To minimize exposure during use, always follow safe handling practices like dust suppression techniques during cutting, grinding, or other dust-generating activities. Wear appropriate personal protective equipment, including a respirator with a high-efficiency particulate air (HEPA) filter, and wash hands thoroughly after handling. For more detailed safety information and instructions, please refer to the product's Material Safety Data Sheet (MSDS) available at https://cementpro.com/wp-content/uploads/2022/07/MSDS_PolyPro_Sanded_2022.pdf or the California Office of Environmental Health Hazard Assessment (OEHHA) website: <https://www.oehha.ca.gov/>

LEGAL NOTICE

This Product Data Sheet has been prepared in good faith based on information available at the time of publication. It is intended to provide users with information and guidelines for properly using and applying the covered CementPro brand product(s) under normal environmental and working conditions. Because each project is different, CementPro cannot be responsible for the consequences of variations in such conditions or unforeseen conditions.

WARRANTY

Every Poly-Pro Sanded Grout purchase enjoys a standard 1-year limited warranty, safeguarding its quality and performance. Unlock the full potential of your project with our extended 25-Year System Warranty! Use Poly-Pro Sanded Grout as part of a complete CEMENTPRO installation system and qualify for this extended coverage. Head to <https://cementpro.com/warranty/> for complete details on the standard warranty and the 25-Year System Warranty specifics. At CementPro, we stand behind our products and your satisfaction.



FOR WARRANTY QUESTIONS

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

Call: (951) 300-0300 Ext. 600

Email: Warranty@cementpro.com