



PROCOLOR SANDED TILE GROUT

Description

ProSpec® ProColor Grout is a portland cement based blend providing strong, color consistent, water resistant joints. It can be used with ceramic tile to fill grout joints 1/16" to 1/2" wide for interior or exterior, wall or floor applications. ProSpec ProColor Grout features Micro Defense Technology® to inhibit the growth of mold and mildew.

Features

- Available in 38 colors
- Interior or exterior use
- For grout joints 1/16" to 1/2" (2 to 13 mm)
- Meets ANSI A118.6 and A118.7
- Polymer modified - just add water
- For wall, floor or ceiling applications
- Contains Micro Defense® Technology for mold and mildew resistance
- Becomes 100% epoxy when used with ProSpec B-7000 and meets ANSI A118.3

Uses

For grouting of:

- Ceramic tile
- Porcelain tile
- Pavers
- Cement tile
- Glass tile
- Quarry tile
- Slate
- Other natural stone (contact ProSpec Technical Services prior to application)

Technical Data

Meets ANSI A118.6 and ANSI A118.7 for Latex Portland Cement Grout

	Time	Typical Values	ANSI A118.6	ANSI A118.7
Compressive Strength	28 day	5,000 psi (34.5 MPa)	3500 psi (24.1 MPa) min.	3000 psi (20.7 MPa)
Flexural Strength	28 day	>1,100 psi (7.6 MPa)	350 psi (2.4 MPa) min.	1000 psi (6.9 MPa)
Linear Shrinkage	28 day	<0.08%	<0.1%	<0.2%
Water Absorption				
50% RH to Immersion	28 day	3.1%	<10%	<5%

Tested at 0.54 gal. (2.0 L) per 25 lb. (11.3 kg) bag.

Preparation

Prior to grouting, the tile must be firmly set and the setting material cured in accord with the manufactures specifications. All paper and glue must be removed from the face of the mounted tiles. Grout joint must be free of excess setting materials, and job site debris. To insure a uniform color, grouting should not begin until the tile setting material is properly cured (a minimum of 24 hours). Some tiles such as

rough, irregular, unglazed, porous surfaces are prone to staining and may require a grout release or sealer prior to application. If in doubt as to the suitability of a certain tile conduct a test to determine if the grout can be completely cleaned from the tile surface. A pre-grout sealer may be required.

NOTE: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

PROCOLOR SANDED TILE GROUT

Mixing

1. Use cool, potable water, clean tools and containers. (Do not add latex.)
2. Add dry grout to water and mix to a stiff, lump-free consistency (0.54 gallons (2.0 L) of water per 25 lb. (11.3 kg) bag or 1.7 pints (0.8 L) per 10 lb. (4.5 kg)).
3. Let stand 5-10 minutes to give all chemicals time to slake. Remix and use.
4. If using a mechanical mixer, do not exceed 150 r.p.m and avoid whipping air into mix which will reduce the strength of the grout.
5. Do not add more water or dry grout to the mix after slaking.
6. When using multiple batches of ProSpec ProColor Sanded Tile Grout, dry mix the bags from different lots to promote uniform color.

Application

Use in accordance with the TCA handbook for Grout installations current edition and ANSI A108.10. Temperatures must be between 40° F (4° C) and 100° F (38° C).

1. Wipe the tile surface with a clean damp grout sponge before grouting
2. While holding a hard, rubber grout float at a 45 degree angle to the surface of the tile, trowel the mixed grout over the surface and into the grout joint being careful to assure that all joints are completely filled.
3. Remove the excess grout from the tile surface with the grout float held at a 90 degree angle moving diagonally across the joints. Strike the joint with the blunt end of a tool – compacting the surface but not digging out the grout.

Clean Up

1. When the grout in the joints has become firm to the touch and a haze develops on the tile (approximately 30 minutes to an hour), then clean the remaining grout from the tile surface.
2. Using a very dry sponge and clean water wipe down the tile surface to remove haze and dress the grout joints. Change the rinse water frequently; dirty water will affect the final appearance.
3. After each wiping, thoroughly rinse and wring out the sponge and be sure to remove excess water from surface of the grout joints.
4. Floors should be protected from traffic for at least 24 hours after grouting.

Finishing

1. Clean off haze by buffing with a dry towel 24 hours after grouting. If grout haze is not easily removed use a clean, white nylon pad or a mechanical scrubber with ProSpec Grout Haze Remover or a tile industry accepted sulfamic acid following the manufacturer's recommendations. Do not use muriatic acid for clean up purposes.
2. To remove black grout from quarry tile, once it is cured, clean with pH neutral detergent or water. Do not use muriatic acid.
3. Sealer may be applied for added stain resistance.

Packaging

10 lb. (4.5 kg) and 25 lb. (11.3 kg) bags

PROCOLOR SANDED TILE GROUT

Shelf Life

One year from the date of manufacture when stored in the original closed container away from moisture. Store in a dry area; keep out of direct sunlight.

Best Performance

- Apply when air or substrate temperature is between 40° F (4° C) and 100° F (38° C) within 24 hours of application. For applications outside this range of temperatures, contact ProSpec Technical Service
- Efflorescence, a white crystalline powder, can naturally occur with any portland cement product. Use industry accepted cleaning procedure to remove any efflorescence
- If high absorptive tile is used, dampen grout joint with water and use removable, protective coating or sealer on surface of tile, if warranted by a test panel
- Dampen surface of tile only. Do not allow water puddling or dirt in the ungrouted joint areas
- Grout color tends to darken when wet and final grout color may vary due to site conditions, tile porosity, mixing ratios, variety of tile types/ colors used, installation techniques and cleaning methods
- The use of excess water in mixing or cleanup may result in a lighter color.

NOTE: If unusual conditions exist, or if you are unsure about any aspect of a job or material, contact your tile distributor or ProSpec Technical Service.

Coverage

Per 25 lb. (11.3 kg) bag

Type	Nominal dimension				Square feet (sq. meters)						
	LxWxThickness (inches)	1/16"	(1.5 mm)	1/8"	(3 mm)	1/4"	(6 mm)	3/8"	(9.5 mm)	1/2"	(13 mm)
Square	1 x 1 x 1/4	68	(6.4)	34	(3.2)	17	(1.6)	11	(1.0)	8	(0.8)
	2 x 2 x 1/4	136	(12.6)	68	(6.3)	34	(3.2)	23	(2.2)	17	(1.6)
	4 x 4 x 1/4	272	(25.2)	136	(12.6)	68	(6.3)	45	(4.2)	34	(3.2)
	6 x 6 x 1/2	204	(19.0)	102	(9.5)	51	(4.8)	34	(3.2)	25	(2.4)
	8 x 8 x 3/8	364	(33.8)	182	(16.9)	91	(8.5)	62	(5.8)	45	(4.3)
	8 x 8 x 1/2	272	(25.2)	136	(12.6)	68	(6.3)	45	(4.2)	34	(3.2)
	12 x 12 x 3/8	546	(50.8)	273	(25.4)	137	(12.7)	91	(8.5)	68	(6.4)
	12 x 12 x 1/2	410	(38.2)	205	(19.1)	103	(9.5)	69	(6.4)	51	(4.8)
	13 x 13 x 3/8	592	(55.0)	296	(27.5)	148	(13.8)	98	(9.1)	74	(6.9)
	16 x 16 x 3/8	720	(66.8)	360	(33.4)	180	(16.7)	120	(11.1)	90	(8.4)
	18 x 18 x 3/8	810	(75.2)	405	(37.6)	202	(18.8)	135	(12.5)	101	(9.4)
	20 x 20 x 3/8	900	(83.6)	450	(41.8)	225	(20.9)	150	(13.9)	112	(10.5)
	24 x 24 x 3/8	1080	(100.4)	540	(50.2)	270	(25.1)	180	(16.7)	135	(12.6)

PROCOLOR SANDED TILE GROUT

Caution

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. WARNING!

MAY CAUSE SKIN AND EYE BURNS OR IRRITATION.

INHALATION IS KNOWN TO CAUSE CANCER OR DELAYED LUNG INJURY.

Avoid contact with eyes and skin. This product contains hydraulic cement and lime. When mixed

with water and/or latex, it results in a solution that is highly alkaline and may burn or irritate the eyes or skin. Wear safety glasses or goggles, protective clothing, shoes and gloves to prevent eye and skin contact. Do not take internally.

Avoid breathing dust. This product contains crystalline silica. Prolonged exposure to crystalline silica dust is known to cause lung

cancer or delayed lung injury, including silicosis. Take measures to eliminate or control dust while handling or placing this product. Wear a respirator approved for protection against crystalline silica dust.

Crystalline silica has been classified by IARC and NTP as a carcinogen.

First Aid

If swallowed, drink one or two glasses of water to dilute. Do not induce vomiting unless directed to do so by medical personnel. SEEK IMMEDIATE MEDICAL ATTENTION. In case of contact, flush eyes or skin thoroughly for a minimum of 15 minutes with clean

water and get prompt medical attention. Wash clothing and thoroughly clean shoes before reuse.

For additional information, call Bonsal American at 704-525-1621 or CHEMTREC at 800-424-9300 or 703-527-3887 outside of the USA.

Refer to Material Safety Data Sheet (MSDS) for further information.

LIMITED 1 YEAR WARRANTY FROM DATE OF MANUFACTURE: Bonsal American warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal American will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal American for its use, and Bonsal American shall not be liable otherwise. Replacement of any defective product, or, at Bonsal American's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal American shall in no event be liable for any damages in excess of the purchase price of the defective product. BONSAL AMERICAN SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES INCLUDING LOSS OF PROFITS OF ANY KIND. Product demonstrations are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. This Warranty constitutes the sole warranty given by Bonsal American in connection with this product. No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Bonsal American. Bonsal American has authorized no person to make or give any other warranties or representation, oral or written on its behalf. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.