

1. PRODUCT NAME

ProSpec® ProColor Plus Grout

2. MANUFACTURER

H.B. Fuller Construction Products Inc.
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Aurora, IL 60504-6451 U.S.A.

1-800-552-6225 Office
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3. PRODUCT DESCRIPTION

ProSpec® ProColor Plus is a high performance, portland cement-free, sanded tile grout that produces rapid setting, efflorescence-free, color consistent tile joints. ProColor Plus is designed to deliver high strength, durability and low absorptivity required for improved stain resistance in wet environments and high traffic areas.

Features and Benefits

- Available in 20 colors
- Efflorescence - free
- Color consistent, will not mottle
- Polymer-modified
- Rapid setting: Open to traffic in 3-4 hours
- Use for joint widths 1/16" to 1/2" (1.6-13 mm)
- Crack and shrink resistant
- Mold & mildew resistant
- Exceeds ANSI A118.7
- Meets ISO 13007 CG2WAF

Uses

- Interior/exterior, walls/floors and ceiling installations.
- Residential to extra heavy duty commercial applications
- All types of porcelain tile, ceramic tile, pavers, slate, quarry tile, and stone
- Glass tile
- Grouting thin porcelain tile

SAFETY

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS Sheets are available on our website prospec.com or contact Medical Emergency Phone Number (24 Hours): 1-888-853-1758, Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300 or contact ProSpec® Technical Services at 1-800-832-9023 (7:00AM to 5:00PM M-F, Central US Time).

CAUTIONS

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered ProSpec® brand product(s) under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

Description	Physical Properties		
Pot Life	30-45 min		
VOC	0 g/L		
Traffic Rating (ASTM C 627)	Residential to Extra Heavy Duty Commercial		
Description	Time	Typical Values	ANSI A118.7
Compressive Strength	4 hour	1,500 psi (10.34 MPa)	500 psi (1 day)
Compressive Strength	28 day	5,000 - 6,000 psi (34.48 - 41.37 MPa)	> 3,000 psi (20.7 MPa)
Flexural Strength	28 day	1,000 - 1,700 psi (6.90 - 11.72 MPa)	> 1,000 psi (6.90 MPa)
Linear Shrinkage	27 day	0.10 - 0.15%	< 0.20%
Description	Time	Typical Values	ISO 13007
Flexural Strength (CG 2) (Freeze Thaw Cycles)	28 day	3.7 N / mm ²	> 2.5N / mm ²
Water Absorption (W)	28 day	0.26 g	< 5 g
Abrasion Resistance (A)	28 day	34.2 mm ³	< 1,000 mm ³
Compressive Strength (F)	24 hour	20.7 N / mm ²	> 15 N/mm ²

Greater than: > Greater than or equal to: ≥ Less than: < Less than or equal to: ≤

Note: Test results obtained under controlled laboratory conditions at 72°F (22°C) / 50% RH. Tested with 2 qt (1.85 L) water per 25 lb (11.3 kg) powder. Reasonable variations can occur due to installation methods, job site and atmospheric conditions.

LEED® Eligibility¹

- Regional Materials (MR-c5)
- Low-Emitting Materials (IEQ-c4.1, IEQ-c4.3)

Product Enhancement



Easy Float Formula - Specially formulated for exceptional workability.



Micro Defense® Technology - Special antimicrobial additive that prevents the growth of mold and mildew.



Rapid Cure Technology (RCT®) - Improves the strength, controls shrinkage and prevents efflorescence of our products without sacrificing workability or working time.



Expansion Stabilization Technology (EST™) - Special additive designed to reduce the potential for cracking and shrinkage.

Packaging

25 lb (11.3 kg) bag

Shelf Life

12 months from the date of manufacture when stored in the original, unopened container, away from moisture, under cool, dry conditions, and out of direct sunlight.

5. INSTALLATION Preparation

1. Apply when air and substrate temperatures are between 40° F (5° C) and 100° F (38° C) within 24 hours of application and 72 hours thereafter.
2. Surfaces and joints must be dry, clean, free of dust and foreign materials, e.g., oil, grease and dirt. Thoroughly brush or vacuum tile surface and grout joints to ensure that loose dust and dirt particles are removed. Grout joints must be free of excess setting materials and job site debris. The tile surface must be clean and frost-free.
3. Setting material must be cured in accordance with the manufacturer's specifications.
4. All paper and glue must be removed from the face of mounted tiles.
5. Use for floor and wall applications where the joint width ranges from 1/16" – 1/2" (1.6-13 mm).
6. Joint depth must be at least 2/3 of the tile thickness. Rake out any excess or high ridges of mortar or adhesive to achieve the required minimum depth. Remove all spacers.
7. Before grouting, tile must be firmly set and tile adhesive dry.

Note: Test grout on tile before grouting to determine suitability as pigmented grout can stain, scratch, or damage some types of tile and stone. Some tiles may need to be sealed prior to grouting.

Job Mockups

The manufacturer requires that when its ProSpec® products are used in any application or as part of any system that includes other manufacturers' products, the contractor and/or design professional shall test all the system components collectively for compatibility, performance and long-term intended use in accordance with pertinent and accepted industry standards prior to any construction. Written documentation of the tests performed shall be satisfactory to the design professional and contractor. Test results must include the means and methods of application, products used, project-specific conditions being addressed, and standardized tests performed for each proposed system or variation.

Mixing

1. Use clean, cool, potable water, clean tools, and mixing containers. Do not add latex.
2. Mixing a full bag is recommended. If less than a full bag is used, then pre-mix the entire bag to ensure the color pigments are uniformly dispersed.
3. Mix only enough material that can be used within 30-45 minutes.
4. Add dry grout to water (0.5 gal (2.0 L) per 25 lb (11.3 kg) bag) and mix to a stiff, lump free consistency. Too much water will result in soft grout joints and cause a variation in color.
5. If using a mechanical mixer, do not exceed 150 rpm, and avoid whipping air into mix which will reduce the strength of the grout.
6. Let stand no longer than 2-3 minutes to give all ingredients time to slake. Do not add more water or dry grout after slaking.
7. Remix and use.
8. Clean tools immediately with water.

Note: To ensure color uniformity when using multiple bags for the same installation, it is important to use the same powder to water proportions and that all product bags contain the same batch number.

Application

Use in accordance with the TCNA handbook for grout installations and ANSI A108.10.

1. Wipe the tile surface with a clean damp grout sponge before grouting. Avoid having excess water stand on the tile or collect in the joints.
2. Hold the grout float at a 45° angle to the surface of the tile, trowel the mixed grout over the surface and press into the joints, being careful that all joints are completely filled and fully packed.
3. As soon as possible, remove the excess grout from the tile surface by holding the float at a 90° angle and moving diagonally across the joint.
4. Make sure the joints are full and flush with the tile edge.
5. If the material in the bucket begins to stiffen before being used simply remix. Do not add additional liquid.

Clean up

1. When the grout in the joints are firm to the touch and no grout transfer or hazing on the tile is noticed, typically 20 – 25 minutes, (cooler temperatures will extend the set time) clean the remaining grout from the tile surface. Cleaning before the grout has firmed up may damage the grout surface causing uneven grout joints.
2. Use a slightly dampened, clean, grout sponge and clean water, to wipe down the surface and dress the grout joints.
3. Use a circular motion across the tile surface to loosen the grout. After each wiping, thoroughly rinse and wring out the sponge then remove the remaining film from the tile moving in a diagonal motion. Both sides of the sponge may be used. Dress the joints carefully and be sure not to leave excess water in the grout joints. Change your cleaning water often.
4. Any remaining final haze can be removed two hours after initial cleanup using a clean dry towel.

Finishing

1. Floors should be protected from general foot traffic for 3 - 4 hours. Wait 24 hours for use in showers and general cleaning. Allow to cure 7 days before subjecting to total water immersion and freezing conditions.
2. Allow the grout to fully cure before regular cleaning.
3. Maintain the floor using a pH neutral cleaner following the cleaner manufacturers recommendations. Always rinse with clean water after use.

Limitations

- Do not use in areas that will be subjected to strong acids, cleaners, chemicals, etc.
- Do not add liquid or powder after slaking.

Coverage

Approximate coverage per 25 lb (11.3 kg) bag

Approximate coverage in sq ft (m ²) per 25 lb (11.3 kg) bag						
Tile Size L x W x Thickness (millimeters)	Grout Joint Width					
	1/16" (1.6 mm)	1/8" (3.2 mm)	3/16" (4.8 mm)	1/4" (6.4 mm)	3/8" (6.5 mm)	1/2" (12.7 mm)
1" x 1" x 1/4" (25 x 25 x 6 mm)	114 (10.6 m ²)	57 sq ft (5.3 m ²)	38 sq ft (3.5 m ²)	28 sq ft (2.6 m ²)	19 sq ft (1.8 m ²)	14 sq ft (1.3 m ²)
2" x 2" x 1/4" (51 x 51 x 6 mm)	228 (21.2)	114 (10.6)	76 (7.1)	57 (5.3)	38 (3.5)	28 (2.6)
4 1/4" x 4 1/4" x 1/4" (108 x 108 x 6 mm)	485 (45.1)	242 (22.5)	161 (15.0)	121 (11.2)	80 (7.4)	60 (5.6)
4" x 8" x 1/2" (102 x 203 x 13 mm)	304 (28.2)	152 (14.1)	101 (9.4)	76 (7.1)	50 (4.6)	38 (3.5)
6" x 6" x 1/4" (152 x 152 x 6 mm)	684 (63.5)	342 (31.8)	228 (21.2)	171 (15.9)	114 (10.6)	85 (7.9)
6" x 6" x 1/2" (152 x 152 x 13 mm)	342 (31.8)	171 (15.9)	114 (10.6)	85 (7.9)	57 (5.3)	42 (3.9)
8" x 8" x 3/8" (203 x 203 x 10 mm)	608 (56.5)	304 (28.2)	202 (18.8)	152 (14.1)	101 (9.4)	76 (7.1)
8" x 8" x 1/2" (203 x 203 x 13 mm)	456 (42.4)	228 (21.2)	152 (14.1)	114 (10.6)	76 (7.1)	57 (5.3)
12" x 12" x 3/8" (305 x 305 x 10 mm)	913 (84.8)	456 (42.4)	304 (28.2)	228 (21.2)	152 (14.1)	114 (10.6)
13" x 13" x 5/16" (330 x 330 x 8 mm)	1186 (110.2)	593 (55.1)	395 (36.7)	296 (27.5)	197 (18.3)	148 (13.7)
16" x 16" x 5/16" (406 x 406 x 8 mm)	1460 (135.6)	730 (67.8)	486 (45.1)	365 (33.9)	243 (22.6)	182 (16.9)
18" x 18" x 5/16" (457 x 457 x 8 mm)	1643 (152.6)	821 (76.3)	547 (50.8)	410 (38.1)	273 (25.4)	205 (19.0)
20" x 20" x 5/16" (508 x 508 x 8 mm)	1826 (169.6)	913 (84.8)	608 (56.5)	456 (42.4)	304 (28.2)	228 (21.2)
24" x 24" x 5/16" (610 x 610 x 8 mm)	2191 (203.5)	1095 (101.7)	730 (67.8)	547 (50.8)	365 (33.9)	273 (25.4)

Coverage depends on width and depth of the joint and size of the tile. Consult the grout coverage chart at prospec.com

6. AVAILABILITY

To locate ProSpec® products in your area, please contact:
Phone: 800-832-9002
Website: prospec.com

7. WARRANTY

For warranty details, see your sales associate or prospec.com

8. MAINTENANCE

Not applicable

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the Technical Support Hotline.
Toll Free: 800-832-9023
Fax: 630-952-1235

Technical and safety literature

To acquire technical and safety literature, please visit our website at prospec.com

10. FILING SYSTEM

Division 9

¹ ProSpec® products can contribute to LEED® credits within the Material Resource, (Recycled Content & Regional Materials) and Indoor Environmental Quality (Low Emitting Materials).

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Data Sheets are subject to change without notice. For the latest revision, check our website at prospec.com



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