

1. PRODUCT NAME

ProSpec® ProColor Unsanded Grout

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

ProSpec® ProColor Unsanded Grouts are portland cement-based blends that provide durable, color consistent, and water resistant grout joints.

Features and Benefits

- Available in 38 colors
- Interior or exterior use
- Can be used for grout joints up to 1/8" (3 mm) wide
- Polymer-modified, just add water
- For wall, floor or ceiling applications
- Meets ANSI A118.6

Uses

For Grouting of:

- Ceramic tile
- Porcelain tile
- Glass tile
- Marble
- Other natural stone (contact ProSpec® Technical Services prior to application)

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

ProColor Unsanded Grout	Time	Typical Values	ANSI A118.6
Compressive Strength	28 days	> 3,200 psi (22 MPa)	3,000 psi (20.7 MPa)
Tensile Strength	28 days	> 450 psi (3.1 MPa)	250 psi (2.0 MPa)
Flexural Strength	7 days	> 850 psi (5.9 MPa)	500 psi (4.0 MPa)
Linear Shrinkage	27 days	< 0.1%	< 0.3%
Water Absorption 50% RH to Immersion	28 days	< 18%	< 18%

Greater than: > Greater than or equal to: ≥ Less than: < Less than or equal to: ≤
Tested using 1.6 qt (1.5 L) of water per 10 lb (4.5 kg) bag.

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.

Packaging

10 lb (4.5 kg) bag

Shelf Life

24 months when stored in the original, unopened container, under cool, dry conditions and out of direct sunlight.

5. INSTALLATION Preparation

Apply when air and substrate temperatures are between 40°F (4°C) and 100°F (38°C) within 24 hours of application and 72 hours thereafter. For applications outside this range of temperatures, contact ProSpec® Technical Services.

Surfaces must be dry and clean of dust and foreign materials, e.g., oil, grease and dirt. Thoroughly brush or vacuum surface and grout joints to insure that loose dust and dirt particles are removed. The tile surface must be frost-free.

Preparation (cont.)

Always follow tile adhesive manufacturer's instructions regarding grouting.

Prior to grouting:

- Tile must be firmly set.
- Setting material must be cured in accordance with the manufacturer's specifications.
- All paper and glue must be removed from the face of mounted tiles.
- Grout joints must be free of excess setting materials and job site debris or joints will not dry uniformly and may show stains or discoloration.

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. ProSpec® ProColor Stain Guard Grout Additive may be used in place of water. (See ProColor Stain Guard Grout Additive technical datasheet.)
2. Add just enough dry powder to the liquid to have a stiff, lump free consistency 1.6 qt of water (1.5 L) per 10 lb (4.5 kg) bag. Too much water will result in soft grout joints and cause variation in color. For additional polymer modification, 50% of water can be replaced with B-730 Mortar / Acrylic Additive.
3. If using a mechanical mixer, do not exceed 150 rpm to avoid whipping air into mix which will reduce the strength of the grout.
4. Let stand 10 minutes to give all ingredients time to slake. Remix and use.
5. Do not add more liquid or dry grout to the mix after slaking.
6. The use of excess water may result in a lighter or uneven color.

Application

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

To insure a uniform color, grouting should not begin until the tile setting material is properly cured (a minimum of 24 hours). Some tiles with rough, irregular, unglazed or porous surfaces are prone to staining and may require a grout release or sealer prior to application.

1. Wipe the tile surface with a clean damp grout sponge before grouting.

Application (cont.)

2. While holding a hard, rubber grout float at a 45° 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. As soon as possible, remove excess grout from the tile surface with the same grout float held at a 90° angle and 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

- When the grout in the joints is firm to the touch and no grout transfer or hazing on the tile is noticed (approximately 30 minutes to 60 minutes, cooler temperatures will extend the set time) clean the remaining grout from the tile surface.
- Use a clean grout sponge, slightly dampened, to wipe down the tile surface and dress the grout joints. Change the rinse water frequently; dirty or excess water will affect the final grout color and appearance.
- After each wiping, thoroughly rinse and wring out the sponge and remove excess water from surface of the grout joints.
- Clean off haze the next day by buffing with a dry towel. If stubborn, the film can be removed with a white nylon pad or with mechanical scrubbers. Do not use muriatic acid for clean-up purposes. If necessary, sulfamic acid is recommended and can also be used for removal of efflorescence (use after 24 hours of curing).
- Use clean water and soap to wash all tools.

Finishing

- Floors should be protected from general traffic and use for at least 24 hours after grouting.
- If any grout hazing remains tiles can be buffed with a cheesecloth. Difficult areas of haze can be removed using a white nylon sponge.
- Sealing the grout joints is recommended but not mandatory. Follow the recommendations and application instructions of the sealer manufacture.
- Efflorescence, a white crystalline powder, can naturally occur with any portland cement product. Use industry accepted cleaning procedures to remove any efflorescence.
- 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.

Limitations

- Do not grout a joint with foreign material in it, such as dirt or excess setting material or excess water. Joints will not dry uniformly and may show stains or discoloration.
- Do not add water or latex additive to grout after slaking.
- Do not use in areas that will be subjected to strong acids, cleaners, etc.

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 Services.

Coverage

Approximate coverage in sq ft (m ²) per 10 lb (4.5 kg) bag		
Tile Size - L x W x Thickness (millimeters)	Grout Joint Width 1/16" (1.6 mm)	Grout Joint Width 1/8" (3.2 mm)
1" x 1" x 1/4" (25 x 25 x 6 mm)	42 sq ft (3.9 m ²)	21 sq ft (2.0 m ²)
2" x 2" x 1/4" (51 x 51 x 6 mm)	85 (7.9)	42 (3.9)
4 1/4" x 4 1/4" x 1/4" (108 x 108 x 6 mm)	181 (16.8)	90 (8.4)
4 x 8 x 5/16" (102 x 203 x 8 mm)	181 (16.8)	90 (8.4)
6" x 6" x 5/16" (152 x 152 x 8 mm)	204 (19.0)	102 (9.5)
8" x 8" x 5/16" (203 x 203 x 8 mm)	272 (25.3)	136 (12.6)
12" x 12" x 5/16" (305 x 305 x 8 mm)	409 (38.0)	204 (19.0)
16" x 16" x 5/16" (406 x 406 x 8 mm)	545 (50.6)	272 (25.3)
20" x 20" x 5/16" (508 x 508 x 8)	681 (63.3)	340 (31.6)
24" x 24" x 5/16" (610 x 610 x 8)	818 (76.0)	409 (38.0)

See prospec.com for full grout calculator.

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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