



November 3, 2011

Dear Valued Partner,

H.B. Fuller Construction Products is committed to keeping you on the cutting edge of our new products and innovations. Today, I am writing you to share some exciting news about a breakthrough in grout that we are now unveiling.

The new product, called Power Grout™, provides the ultimate in grout performance, combining many of the benefits of epoxy and urethane without its hard-to-use drawbacks and cost. Power Grout is truly a unique product, delivering a combination of performance and ease of use like no other. Some of its key features include:

- Permanent stain resistance, never needs sealing
- Crack resistance
- Efflorescence free
- Easy to apply and clean during installation
- Single formula for walls and floors
- Mold and mildew resistance
- Fast-curing, open to traffic in 4 hours and shower use after 24 hours

Power Grout has received much praise from contractors for its benefits and ease of use in numerous real-world and high profile jobs, ranging from a 10,000 square foot residential home to the locker room facilities of a renowned NHL hockey team.

Installers who have tried the product are asking for more. Therefore, we would like to work with you to make this product available in your area. We'll contact you to set up a meeting to discuss Power Grout further and how we can win together in your marketplace.

As always, thank you for your support. We appreciate your partnership with us and look forward to meeting with you about this exciting new product launch.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rachel Gibbons', with a long horizontal flourish extending to the right.

Rachel Gibbons
Marketing Director

an H.B. Fuller company

TEC™

POWER GROUT™

POWERFUL PERFORMANCE MADE *EASY*.



Introducing Power Grout™, the ultimate in grout performance. Its unique, breakthrough formulation offers many of the advantages of epoxy and urethane without the drawbacks. Don't tolerate the hassles and difficulties of other products in order to get the performance you need. Instead, get fast, trouble-free installations with permanent stain resistance, crack resistance and perfect color consistency – whether installed by a novice or experienced pro.

Whether the job is residential or commercial, interior or exterior, floor or wall, TEC® Power Grout™ combines *performance* and *ease* of use like no other.

Find out more at www.tecpowergrout.com.

EVERYTHING YOU WANT. NOTHING YOU DON'T.

Power Grout delivers ease of use and performance like no other, with its truly unique set of advantages. It combines many of the benefits of epoxy and urethane without its hard-to-use drawbacks and cost. Some of its key features include:



SINGLE FORMULA FOR WALLS AND FLOORS

- For grout joints from 1/16" to 1/2"



FAST AND EASY TO INSTALL

- Fast-setting formula, open to traffic in 4 hours and shower use after 24 hours



COLOR CONSISTENCY

- Efflorescence free
- Fade resistant
- Stain resistant
- Backed by a limited lifetime warranty*



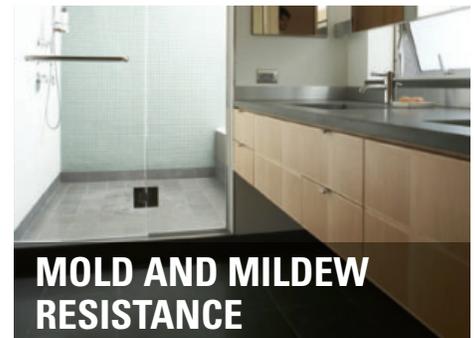
PERMANENT STAIN RESISTANCE

- Never needs sealing



CRACK RESISTANCE

- Up to limited lifetime warranty against grout cracks*



MOLD AND MILDEW RESISTANCE

- Perfect for shower and other wet areas



Packaging

- 5 lb. container (2.27 kg)
- 10 lb. plastic bags (4.54 kg)
- 25 lb. plastic bags (11.34 kg)

Colors

Available in 19** colors. Contact H.B. Fuller Construction Products Inc. for a current color selection card.

* See limited warranty details at tecspecialty.com

** In 10 lb. and 25 lb. packaging only. Twelve colors are available in 5 lb. container.

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www.tecpowergrout.com



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Get the free mobile app at <http://gettag.mobi>

I. PRODUCT NAME

TEC® Power Grout™

2. MANUFACTURER

H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800.552.6225 Office
800.952.2368 Fax
www.tecspecialty.com

3. DESCRIPTION

TEC Power Grout is a unique breakthrough in grout technology. It maximizes performance while providing ease of use. Its unique formulation is highly stain resistant and provides strong, color consistent joints by resisting efflorescence, cracking and shrinking.

TEC Power Grout provides excellent performance in virtually any environment, including high traffic and wet conditions, and in residential and commercial applications.

Key Benefits and Features

- Highly stain resistant, never needs sealing
- Fast setting; open to traffic in 4 hours
- Color accurate and resistant to efflorescence
- Universal formula for wall and floor applications. For grout joints from 1/16" to 1/2" wide (1.5 mm to 12 mm)
- Crack and shrink resistant
- Mold and mildew resistant
- Exceeds ANSI A118.7 specifications
- Residential to Extra Heavy Commercial Applications
- Interior/exterior use

Packaging

5 lb. container (2.27 kg)
10 lb. plastic bags (4.54 kg)
25 lb. plastic bags (11.34 kg)

Colors

Available in 19* colors. Contact H.B. Fuller Construction Products Inc. for a current color selection card.

* In 10 lb. and 25 lb. packaging only. Twelve colors are available in 5 lb. container.

Surface Preparation

Proper preparation of the tile and joint surfaces is important and will help promote a quality installation. The joints between the tiles should be free from foreign materials, and be at least 2/3 of the thickness of the tile in depth. High ridges of adhesive or mortar should be raked out. Any spacers used should be removed. Tiles should be held firmly in place according to manufacturer's instructions before grouting.

Due to rough surface texture or high porosity, some tiles require sealing prior to grouting. Consult the tile manufacturer's/fabricator's literature for advice regarding this point. HBF-CP recommends the use of TEC GroutRite™ Grout Release for protecting your tile or stone from grout staining during installation.

Notes: TEC Power Grout never needs sealing, however, if the tile or stone is to be sealed after grout is installed, use a compatible solvent based sealer. Test a small area of the tile/stone and grout to ensure you achieve the desired results. If a water-based sealer is required, consult Technical Support for a list of approved sealers or pre-seal the tile/stone. When pre-sealing, do not apply sealer to tile/stone edges as this may prevent proper grout bond.

Certain tile surfaces, including glazed ceramic tile, marble, stone and agglomerate tile can be scratched or damaged when grouted with sanded grout. Follow tile manufacturer/fabricator recommendations or test a small area prior to use to determine suitability.

For industrial and commercial installations where chemical resistance is required, use TEC AccuColor EFX® Epoxy Grout and Mortar in accordance with ANSI A118.3 recommendations.

Coverage and Trowel Recommendations

Figures shown in the chart are presented only as guidelines.

Tile Size	Approximate Coverage per Pound				
	Joint Width				
	1/16"	1/8"	1/4"	3/8"	1/2"
1" x 1" x 1/4"	3.70 s.f.	2.04 s.f.			
2" x 2" x 1/4"	7.14 s.f.	3.83 s.f.			
4" x 4" x 1/2"	7.14 s.f.	3.64 s.f.	1.88 s.f.	1.30 s.f.	1.01 s.f.
4" x 8" x 1/2"	10.0 s.f.	4.86 s.f.	2.48 s.f.	1.69 s.f.	1.30 s.f.
6" x 6" x 1/2"	11.11 s.f.	5.46 s.f.	2.73 s.f.	1.92 s.f.	1.44 s.f.
8" x 8" x 5/16"	25.0 s.f.	11.66 s.f.	5.83 s.f.	3.89 s.f.	2.91 s.f.
8" x 8" x 1/2"	14.29 s.f.	7.29 s.f.	3.64 s.f.	2.43 s.f.	1.82 s.f.
10" x 10" x 5/16"	33.33 s.f.	14.57 s.f.	7.29 s.f.	4.86 s.f.	3.64 s.f.
12" x 12" x 5/16"	33.33 s.f.	17.49 s.f.	8.74 s.f.	5.83 s.f.	4.37 s.f.
16" x 16" x 5/16"	50.00 s.f.	21.86 s.f.	10.93 s.f.	7.29 s.f.	5.46 s.f.
18" x 18" x 5/16"	50.00 s.f.	24.98 s.f.	12.49 s.f.	8.33 s.f.	6.25 s.f.
24" x 24" x 5/16"	100.00 s.f.	34.97 s.f.	17.49 s.f.	11.66 s.f.	8.74 s.f.

Tile Size	Approximate Coverage per Kilogram				
	Joint Width				
	1.5 mm (1/16")	3 mm (1/8")	6 mm (1/4")	9 mm (3/8")	12 mm (1/2")
25 x 25 x 6 mm	0.76 m ²	0.42 m ²			
1" x 1" x 1/4"	8.17 s.f.	4.50 s.f.			
50 x 50 x 6 mm	1.47 m ²	0.78 m ²			
2" x 2" x 1/4"	15.81 s.f.	8.44 s.f.			
100 x 100 x 12 mm	1.47 m ²	0.75 m ²	0.38 m ²	0.27 m ²	0.21 m ²
4" x 4" x 1/2"	15.81 s.f.	8.02 s.f.	4.14 s.f.	2.87 s.f.	2.23 s.f.
100 x 200 x 12 mm	2.05 m ²	1.00 m ²	0.51 m ²	0.35 m ²	0.27 m ²
4" x 8" x 1/2"	22.04 s.f.	10.71 s.f.	5.47 s.f.	3.73 s.f.	2.87 s.f.
150 x 150 x 12 mm	2.28 m ²	1.12 m ²	0.56 m ²	0.39 m ²	0.29 m ²
6" x 6" x 1/2"	24.52 s.f.	12.04 s.f.	6.02 s.f.	4.23 s.f.	3.17 s.f.
200 x 200 x 8 mm	5.13 m ²	2.39 m ²	1.19 m ²	0.80 m ²	0.60 m ²
8" x 8" x 5/16"	55.16 s.f.	25.71 s.f.	12.85 s.f.	8.58 s.f.	6.42 s.f.
200 x 200 x 12 mm	2.92 m ²	1.49 m ²	0.75 m ²	0.50 m ²	0.37 m ²
8" x 8" x 1/2"	31.40 s.f.	16.07 s.f.	8.02 s.f.	5.36 s.f.	4.01 s.f.
250 x 250 x 8 mm	6.84 m ²	2.99 m ²	1.49 m ²	1.00 m ²	0.75 m ²
10" x 10" x 5/16"	73.55 s.f.	32.12 s.f.	16.07 s.f.	10.71 s.f.	8.02 s.f.
300 x 300 x 8 mm	6.84 m ²	3.58 m ²	1.79 m ²	1.19 m ²	0.89 m ²
12" x 12" x 5/16"	73.55 s.f.	38.56 s.f.	19.27 s.f.	12.85 s.f.	9.63 s.f.
400 x 400 x 8 mm	10.25 m ²	4.48 m ²	2.24 m ²	1.49 m ²	1.12 m ²
16" x 16" x 5/16"	110.22 s.f.	48.19 s.f.	24.10 s.f.	16.07 s.f.	12.04 s.f.
450 x 450 x 8 mm	10.25 m ²	5.12 m ²	2.56 m ²	1.71 m ²	1.28 m ²
18" x 18" x 5/16"	110.22 s.f.	55.07 s.f.	27.54 s.f.	18.36 s.f.	13.78 s.f.
600 x 600 x 8 mm	20.51 m ²	7.16 m ²	3.58 m ²	2.39 m ²	1.79 m ²
24" x 24" x 5/16"	220.54 s.f.	77.09 s.f.	38.56 s.f.	25.71 s.f.	19.27 s.f.

Storage

Store in cool, dry location. Do not store open containers.

Shelf Life

Maximum of 12 months from date of manufacture in unopened package.

Limitations

Do not install during temperatures below 50°F (10°C).

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 TEC 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

Applicable Standard

When mixed with water and tested, Power Grout exceeds ANSI A118.7 Specifications for Ceramic Tile Grouts, Polymer-modified Cement Grout and meets the listed ANSI A118.3 Specifications for Ceramic Tile Grouts.

TEC® Power Grout™, TA-550		
Description	ANSI A118.7 Requirement	Typical Results
28 Day Compressive Strength	≥ 3000 psi (20.7 MPa)	6000-7000 psi (41.0-47.9 MPa)
28 Day Tensile Strength	≥ 500 psi (3.4 MPa)	600-700 psi (4.1-4.8 MPa)
28 Day Flexural Strength	≥ 1000 psi (6.9 MPa)	1200-1300 psi (8.2-8.9 MPa)
27 Day Linear Shrinkage	< 0.20% shrinkage	0.07-0.08% shrinkage
Water Absorption	< 5% absorption	2-3% absorption
Description	ANSI A118.3 Requirement	Typical Results
7 Day Linear Shrinkage	< .25% shrinkage	0.05-0.07% shrinkage
7 Day Compressive Strength	≥ 3500 psi (24.2 MPa)	5000-5500 psi (34.2-37.6 MPa)
Sag in Vertical Joints	Pass	Pass

Physical Properties

Description	
Physical State	Dry powder
Color	Available in white, gray and pigmented colors
Pot Life	1 hour
Stain Resistance	Allow to cure for 7 days to achieve maximum stain resistance.
Initial Cure [at 72°F (22°C)]	3 to 4 hours
Final Cure	21 days
Foot Traffic Rating (ASTM C627)	Residential to Extra Heavy Commercial
Storage	Store in cool, dry location. Do not store open containers.
Shelf Life	Maximum 12 months from date of manufacture in unopened package

5. INSTALLATION INSTRUCTIONS

Mixing

For best results pour water in a bucket and then add powder. In a clean mixing container, add TEC Power Grout to clean, cool water as specified below:

TEC Power Grout	Water
5 lbs. (2.27 kg)	13-14 fl. oz. (0.34-0.38 L)
10 lbs. (4.54 kg)	3¼ cups [26 fl.oz.] (0.767 L)
25 lbs. (11.34 kg)	2 quarts [64 fl. oz.] (1.89 L)

Mix for 2 minutes. Avoid breathing dust and contact with eyes and skin. Allow mixture to "slake" (sit in the container) for 3-5 minutes, then remix before using. Slaking allows the water, cement and other ingredients to react properly.

Note: HBF-CP recommends that a full container of TEC Power Grout be mixed and used at one time. However, if less than a full container of grout or multiple containers from different lot numbers are used, pre-mix the entire contents of the container(s) prior to mixing with water. (The fine pigment particles may settle during shipment and color variance can occur in the finished joint unless you first dry blend in this fashion.)

To ensure color consistency across the installation, use the same water to grout proportions when using multiple containers for the same job.

Application

Fully pack the joints between the tiles by spreading TEC Power Grout with a clean, hard rubber float. Work only a small area at one time [5-10 sq. ft. (0.5-1 m²)]. Apply in a diagonal direction across the joint lines to prevent the grout from being dragged out of the joints. Go over each area several times from all directions to make sure that the grout is fully packed in. Remove any excess grout from the surface of the tile by holding the float at a 90° angle to the surface and moving it diagonally across the joints. Repeat the entire process until all joints are grouted.

Clean-up

Allow the grout to firm up in the joints, 20 to 30 minutes under normal conditions. Check for firmness by touching the grout with your finger. If there is transfer, wait 15 minutes and test again. When there's no transfer it is time to begin clean-up.

Wet a grout sponge in a pail containing cool, fresh water and wring out. Loosen the grout on the tile surface by moving the sponge in a circular motion across the tiles. Then use the sponge to smooth the joints. Completely rinse and wring out the sponge. Wipe diagonally across the tiles to remove grout residue. Use each side of the sponge once, then rinse, completely wring out and repeat. Change the water frequently.

Allow the grout to dry 30 to 60 minutes and remove all remaining grout residue from the tiles with a damp sponge or terrycloth towel.

Protection/Damp Curing

Protect the finished installation from foot traffic or impact for at least 4 hours. Wait 24 hours before mopping, routine cleaning or shower use. Do not expose to stains, complete water immersion or freezing for 7 days.

No need to seal grout. If tile or stone is to be sealed after grout is installed, use a compatible solvent based sealer. Test a small area of the tile/stone and grout to ensure you achieve the desired results.

If a water-based sealer is required, consult Technical Support for a list of approved sealers. Allow grout to cure for 72 hours before sealing.

6. AVAILABILITY AND COST

Availability

TEC Premium Tile and Stone Installation Products are available nationwide. To locate a distributor in your area, please contact:

Phone: 800-832-9002

Website: www.tecspecialty.com

Contact

Contact your local TEC Distributor.

7. WARRANTY

For warranty details, see your sales associate or www.tecspecialty.com.

8. MAINTENANCE

Not applicable

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the Technical Support Hotline.

Toll Free: 1-800-832-9023

Fax: 630-952-1235

Technical and safety literature

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

10. FILING SYSTEM

Division 9

