

1. PRODUCT NAME

TEC® Ready To Use Grout (647)

2. MANUFACTURER

H.B. Fuller Construction Products Inc.
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3. DESCRIPTION

TEC® Ready To Use Grout is a premixed grout that delivers durable, stain resistant grout joints. TEC® Ready To Use Grout is for residential use in intermittently wet as well as dry areas. It can also be used to grout over existing premixed or cementitious grout installations. TEC® Ready To Use Grout is formulated with very fine particles of sand and may be used in grout joints as small as 1/16" (1.6 mm). (Please see limitations regarding surfaces that might be sensitive to scratching).

Key Features and Benefits

- For use with tile and luxury vinyl tile
- Grouts tile joints from 1/16" to 1/2" (1.6 to 12 mm)
- Highly stain resistant, no need to seal
- Grout is mold and mildew resistant
- Durable, wear resistant
- Water resistant, can use in showers
- Easy to use

Packaging

1/2 gallon plastic pail (1.89 L)

Color

Bright White	Charcoal Gray	Coffee	DeLorean Gray
Light Buff	Pearl	Sandstone Beige	Silverado

Coverage

Figures shown in the chart are presented only as guidelines.

Approximate Coverage per 1/2 gallon (1.89 L) in square feet (m ²)				
Tile Size	Joint Width			
	1/16" (1.6 mm)	1/8" (3 mm)	1/4" (6 mm)	3/8" (9 mm)
4" x 4" x 1/8" (100 x 100 x 3 mm)	205 (19.0)	103 (9.6)		
6" x 24" x 5/16" (150 x 600 x 8 mm)	192 (17.8)	96 (8.9)	48 (4.4)	32 (2.9)
12" x 12" x 1/4" (300 x 300 x 6 mm)	307 (28.6)	153 (14.3)	76 (7.1)	51 (4.8)
12" x 24" x 3/8" (300 x 600 x 9 mm)	264 (25.5)	132 (12.2)	66 (6.1)	44 (4.0)

Storage

Store indoors in a cool, dry location. Keep away from excessive heat. Freeze/thaw stable to -10°F (-23°C). If frozen, slowly bring material back to room temperature and mix per instructions.

Shelf Life

Maximum of 18 months from date of manufacture in unopened package. Product good for 6 months after opening as long as bucket is re-sealed carefully and stored in a cool, dry, interior location and used within shelf life. Covering with plastic wrap directly on top of product prior to sealing container will help preserve freshness.



Limitations

- Not for exterior use
- Not for use with polished marble, metal tiles and most glass tiles*, travertine or Saltillo tile.
- Certain tile surfaces may be stained when grouted with colored grout. Follow tile manufacturer recommendations or test.
- Use on grout joints from 1/16" up to 1/2" (1.6 up to 12 mm) wide.
- Do not grout over existing epoxy grout installations.
- Maintain temperature range of 60°-100°F (16°-32°C) during use and drying.
- Freeze-thaw stable. If frozen, thaw completely and remix before using.
- Not for use in swimming pools or exterior applications.
- Do not add water.
- Do not seal grout.

*If sanded grout is appropriate with your glass tile, we recommend the use of TEC® Ready To Use Grout.

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 Standards

TEC® Ready To Use Grout (647)	
Description	Typical Results
Compressive Strength 28 day cure 21 day cure, 7 day soak	799 psi (5.47 MPa) 249 psi (1.70 MPa)
Flexural Strength 28 day cure	536 psi (3.67 MPa)
Tensile Strength 28 day	541 psi (3.70 MPa)

Physical Properties

Description	
Physical State	Paste
Color	Available in 8 standard colors
Initial Cure [at 72°F (22°C)]	24 hours
Final Cure	7 days
VOC/Liter of Material	28.1 grams less water and exempt compounds
Foot Traffic Rating (ASTM C627)	Residential
Storage	Store indoors in cool, dry location. Do not store open containers. Freeze/thaw stable to -10°F (-23°C).
Shelf Life	Maximum 18 months from date of manufacture in properly stored, unopened package.

5. INSTALLATION INSTRUCTIONS

Surface Preparation

Area must be clean, dry, free of dirt and dust. Grout joint should be free of sealers.

Application

1. For best results, grout no more than 10 ft² (0.93 m²) at a time.
2. Press grout diagonally into joints holding float at a 45-degree angle. Make sure that joints are completely filled.
3. Remove all excess grout off tile by holding float at a 90-degree angle and drawing diagonally across tile.
4. For best results, wait 10 minutes before beginning clean up to allow the grout joint some time to firm up so it is not pulled out of the joint during clean up process. Do not wait longer than 40 minutes.
5. To clean, first soak sponge in cool clean water. Wring out most excess water, then pat the surface of the tile with the damp sponge to loosen the film. Next, rinse the sponge in water a second time and wring out excess water completely.
6. Use the damp sponge in a light, circular motion to smooth joints and clean film from the tile. Avoid using excessive amounts of water on the grout joints.
7. Turn sponge over to a clean side and draw diagonally across tiles to remove any remaining film.
8. For optimal results, follow these final clean-up steps: moisten a towel with clean water, wring out excess, then drag damp towel across surface diagonally. This will pick up remaining film.
9. If a light haze remains after cleaning, do not attempt to remove it with the sponge. Instead, leave the haze on the surface and remove the next day with a damp sponge. Haze will easily come off of most tile surfaces.
10. There is no need to seal TEC® Ready To Use Grout.

NOTE: If excess water is used in the sponge during clean up, minor cracks or pinholes can develop. If the grout is over-worked, it may appear to shrink down into joint. Should any of these things occur, simply apply a second coat to the affected areas. You must allow your initial application to cure for 24 hours prior to your second application.

Instruction For Use Over Premixed and Cement-Based Grout

To install, existing premixed or cementitious grout must be clean, sealer free, and 1/8" (3 mm) lower than tile surface. If not: Remove existing grout with a grout saw to at least 1/8" (3 mm) below the surface of the tile.

Make sure the joint is free of all dust and debris, then apply grout per instructions above.

Set-up Time

Light foot traffic after 24 hours. Allow 7 days to achieve final cure which includes hardness and stain resistance. ALLOW 7 DAYS BEFORE EXPOSURE TO WATER.

Clean-up

Clean tools and hands with warm soapy water while grout is still wet.

Maintenance

For routine cleaning of your grout, use a Neutral pH cleaner. Follow manufacturer instructions for dilution. Do not use acids, bleaches or vinegar for cleaning. Alkaline-based cleaners can be used for periodic heavy duty cleaning. Follow manufacturer instructions for dilution.

6. AVAILABILITY

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

Phone: 800-832-9002
Website: tecspecialty.com

7. WARRANTY

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

10. FILING SYSTEM

Division 9



tecspecialty.com



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