

1. PRODUCT NAME

TEC® Acrylic Grout Additive
(TA-869)



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
tecspecialty.com

3. DESCRIPTION

TEC® Acrylic Grout Additive is an acrylic latex admixture formulated for use in place of water when grouting ceramic. This additive is specifically formulated for use with any of TEC® AccuColor® portland cement grouts.

TEC® Acrylic Grout Additive makes joints less susceptible to water penetration (especially important when grouting wet areas). It also increases grout flexibility. It is required for any exterior grout application subjected to freeze/thaw conditions or any ANSI A118.7 application.

Key Features and Benefits

- Highly water resistant
- Increases grout flexibility
- Required for exterior grout applications subjected to freeze/thaw conditions
- Meets ANSI A118.7 specifications

Packaging

24 fl. oz. plastic bottles (700 mL)	Product #3315275611
64 fl. oz. plastic jugs (1.89 L)	Product #3315275711
1 gallon plastic jugs (3.78 L)	Product #3315275011
5 gallon plastic pails (18.92 L)	Product #3315271511

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, cement, or thin set should be raked out. Rubber or plastic tile spacers, if used, should be removed prior to grouting. 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. TEC® recommends the use of grout release for protecting your tile from grout staining during installation.

Storage

Store in cool, dry location. Do not expose to nor store in direct sunlight. Do not store open containers.

Shelf Life

Maximum of 18 months from date of manufacture in unopened package.

Limitations

- Recommended for use as a grout additive only.
- Do not use TEC® Acrylic Grout Additive as an admixture to mortars.
- Latex-modified grout should not be applied when the temperature of the area is below 50°F (10°C) as the curing process is retarded.
- Ideal working temperature is between 50°-70°F (10°-21°C).
- Do not store open containers.
- Avoid excessive high speed mechanical mixing as air is entrained into the grout, which reduces its strength.
- **Latex additives are not recommended for grouting natural stone tile.**

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

Mixed with TEC® AccuColor® sanded floor grout and tested in accordance with ANSI A118.7 Specifications for Ceramic Tile Grouts, Latex Modified Commercial Portland Cement.

TEC® Acrylic Grout Additive (TA-869)

Description	ANSI Requirement	Typical Results
28 Day Compressive Strength	> 3000 psi (20.7 MPa)	3800-4200 psi (26.2-29.0 MPa)
28 Day Tensile Strength	> 500 psi (3.5 MPa)	500-600 psi (3.5-4.1 MPa)
7 Day Flexural Strength	> 1000 psi (6.9 MPa)	1000-1200 psi (6.9-8.3 MPa)
7 Day Linear Shrinkage	< 0.10% shrinkage	0.06-0.08% shrinkage

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

Physical Properties

Description	
Physical State	Acrylic emulsion
Color	White, dries clear
Odor	Nil
Viscosity	Thin, liquid
Wt. per U.S. Gallon	8.4 lbs. ± 0.1 lb.
Wt. per Liter	1.01 kg ± 0.01 kg
Freeze/Thaw Stability	Freeze/thaw stable. If frozen, thaw and stir before using.
Storage	Store in cool, dry location. Do not expose to nor store in direct sunlight. Do not store open containers.
Shelf Life	Maximum 18 months from date of manufacture in unopened package

5. INSTALLATION INSTRUCTIONS

Mixing

For best results add powder to liquid. In a clean mixing container, add unmodified grout to additive as specified below:

Grout Size	Unsanded Grout	Sanded Grout
1 lbs. (0.454 kg)	5 fl. oz. (147.8 mL)	2.25-2.5 fl. oz. (66-74 mL)
9.75 lbs. (4.42 kg)	1¼-1½ quarts [40-48 fl. oz.] (1.2-1.4 L)	2¾-3 cups [22-24 fl. oz.] (600-700 mL)
25 lbs. (11.34 kg)	3½-4 quarts [112-128 fl. oz.] (3.3-3.78 L)	1¾-2 quarts [56-64 fl. oz.] (1.65-1.89 L)
50 lbs. (22.68 kg)		3½-4 quarts [112-128 fl. oz.] (3.30-3.78 L)

Mix well. If necessary, add additional water to achieve a smooth, stiff consistency. Allow mixture to "slake" (sit in the container) for 10 minutes, then remix before using. Slaking allows the water, Portland cement and other ingredients to react properly.

Note: Liquid latex additives are not recommended for grouting natural stone. See grout container for detailed application and cleaning instructions. When grouting unglazed tiles, particularly those with rough surface texture or high porosity, presealing tile prior to grouting may be necessary.

Application

Install in accordance with detailed instructions on TEC® grout product packages or data sheets.

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