

1. PRODUCT NAME

TEC® Multipurpose Primer
(560)



2. MANUFACTURER

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

TEC® Multipurpose Primer is an acrylic latex based primer for use with TEC® brand self leveling underlayments. It may also be used to enable the bonding of other TEC® brand surface preparation products and latex modified thin set mortars to difficult substrates such as metal, glazed ceramic tile, gypsum based underlayments and concrete treated with certain types of curing compounds (silicate or acrylic resin curing compounds only) and well bonded epoxy coatings. Use to prime resin and metal backings on natural stone and install with latex-modified thin set instead of epoxy mortar. For peel and stick tile installation, primer can be used on dry, porous concrete, gypsum cement underlayments and plywood. May also be used to promote bond over cold-rolled steel substrates.

Key Features and Benefits

- Multipurpose, one primer for all approved porous and non-porous substrates
- Easy to apply with brush or roller for non-porous surfaces, or push broom for porous surfaces
- Enables installation of ceramic tile or natural stone directly to metal, gypsum underlayment, glazed tile (without scarifying) and well bonded epoxy coatings
- Solvent-free, low VOC
- Contributes to LEED® project points

Packaging

1 quart jugs (946 mL)	Product #7050085111
1 quart jugs (946 mL) Canadian	Product #7050085113
1 gallon jugs (3.78 L)	Product #7050085013
5 gallon pails (18.92 L)	Product #7050081513
50 gallon drums (189.21 L)	Product #7050080111

Coverage

Coverages shown are approximate. Actual coverages may vary according to substrate conditions and thickness of applications.

Substrates	Primer to Water Ratio	Coverage Rates in square feet (m ²)		
		Quart	Gallon	5 Gallon
Porous concrete (two coats may be required for highly porous substrates)*	1:3	102.5 (9.5)	410 (38.1)	2050 (190.5)
Gypsum underlayments (two coats required, ratios 1:4 and 1:2)	1:4 / 1:2	102.5 / 82.5 (9.5 / 7.7)	410 / 330 (38.1 / 30.7)	2050 / 1650 (190.5 / 153.3)
Wood	3:1	62.5 (5.8)	250 (23.2)	1250 (116.1)
Wood-Peel & Stick Applications	1:1	82.5 (7.6)	330 (30.6)	1650 (153)
Tile / linoleum / steel / concrete curing compounds**	Full Strength	35 (3.3)	140 (13.0)	700 (65.0)
The LiquiDAM® and epoxy coatings (self-leveling and ceramic tile/stone applications)	Full Strength	62.5 (5.8)	250 (23.2)	1250 (116.1)
The LiquiDAM® (skim coat applications)	Full Strength	150 (13.9)	600 (55.7)	3000 (278.7)

* Second coat is required if initial application is rapidly absorbed and dries in less than 1 hour. For second coat, primer to water ratio is 1:2.

** Silicate or acrylic resin curing compounds only.

Suitable Substrates

Suitable for use over the following clean, dry, structurally sound and unpainted surfaces: concrete, cementitious backer units (CBU or cement board), exterior grade plywood, oriented strand board (OSB), adhesive residue (except tacky or pressure-sensitive adhesive), cold-rolled steel, existing ceramic tile, gypsum substrates — minimum tensile bond strength 72 psi (0.5 MPa), VCT or non-cushioned sheet goods if they are single layer only and well bonded to a substrate approved for tile. For specific recommendations on other substrates, please contact your TEC® representative.

Substrate Preparation

Remove all surface contaminants such as oil, grease, floor finishes, wax and dirt. Remove adhesive by scraping until all that remains is a thin, transparent layer of adhesive residue. Minimum tensile bond strength of 72 psi (0.5 MPa) is required. For detailed substrate preparation information, refer to appropriate surface preparation product data sheet.

Concrete curing compounds: for use over concrete treated with silicate or acrylic resin curing compounds only. For silicate types, remove all residual salts. Install sample test areas to evaluate bond strength. Samples must achieve minimum 72 psi tensile bond strength. Petroleum based or wax emulsions and dissipating curing compounds are unacceptable and must be removed by mechanical means such as shot blasting.

Storage

DO NOT FREEZE. TEC® Multipurpose Primer must be stored in an unopened container in a cool, dry location out of direct sunlight and protected from weather.

Shelf Life

Maximum of 1 year from date of manufacture in unopened package.

Limitations

- Do not apply over wet areas.
- Do not use in areas subject to hydrostatic pressure.
- Not for use as a wear surface.

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

Physical Properties

TEC® Multipurpose Primer (560)	
Description	
Physical State	Acrylic emulsion
Open Time	Varies with temperature and humidity
Color	White, dries clear
Odor	Nil
Viscosity	Thin, liquid
Wt. per U.S. Gallon	8.8 lbs. ± 0.1 lb.
Wt. per Liter	1.06 kg ± 0.01 kg
Freeze/Thaw Stability	None. Do not freeze.
Storage	DO NOT FREEZE. Store in cool, dry location. Do not expose to nor store in direct sunlight. Do not store open containers.
Shelf Life	Maximum 1 year from date of manufacture in unopened package.

5. INSTALLATION INSTRUCTIONS

Mixing

For best results, room and product should be kept at 50° to 70°F (10° to 21°C) for 24 hours before, during and 48 hours after application. Mix TEC® Multipurpose Primer with clean, potable water in the ratios listed in the coverage chart.

Application

Use a paint brush or short nap roller for non-porous surfaces or a soft push broom for porous surfaces to apply an even, continuous film. Do not allow product to puddle.

Curing

TEC® Multipurpose Primer typically dries in 30 minutes to 3 hours. When the TEC® Multipurpose Primer is cured it is transparent in color as opposed to a milky-white color when fresh. Cure times are based on 70°F (21°C) and 50% RH. Colder temperatures and higher humidity will extend cure times. Avoid excessive foot traffic and surface contamination.

Clean-up

Clean tools, hands and excess material immediately (while still fresh) with water. Material that is cured is difficult or impossible to remove.

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