

### 1. PRODUCT NAME

Fortane<sup>TM</sup> Multi-purpose Primer

### 2. MANUFACTURER

TEC Specialty Products LLC  
1105 South Frontenac Street  
Aurora, IL 60504-6451 U.S.A.  
800.832.9002 Customer Service  
800.832.9023 Technical Support  
tecspecialty.com

### 3. DESCRIPTION

Use as a primer for Fortane self-leveling underlayments and other Fortane surface preparation products. (See product data sheet for specific recommendations). 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 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-based underlayments, glazed tile (without scarifying) and well bonded epoxy coatings
- Contributes to LEED® project points
- Solvent-free
- Low VOC

#### Packaging

1 gallon jugs (3.78 L) Product #10018186  
5 gallon pails (18.93 L) Product #10018168

#### 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 <sup>2</sup> )	
		Gallon	5 Gallon
Porous concrete (two coats may be required for highly porous substrates)*	1:3	410 (38.1)	2,050 (190.5)
Gypsum-based underlayments (two coats required, ratios 1:4 and 1:2)	1:4 / 1:2	410 / 330 (38.1 / 30.7)	2,050 / 1,650 (190.5 / 153.3)
Plywood	3:1	250 (23.2)	1,250 (116.1)
Vinyl tile peel & stick applications	1:1	330 (30.6)	1,650 (153)
Tile / linoleum / steel / concrete curing compounds**	Full Strength	140 (13.0)	700 (65.0)

\* 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 VCT, LVT or non-cushioned sheet goods if they are single layer only and well bonded to a substrate approved for flooring, gypsum-based substrates — minimum tensile bond strength 72 psi (0.5 MPa). For specific recommendations on other substrates, please contact your Fortane 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.

\*Cutback Adhesive Residue (non-asbestos) — Application over asphalt-based cutback adhesive residue is acceptable provided it is a thin layer and is well bonded. Subfloor preparation of the existing cutback adhesive requires only that the ridges or high spots be knocked off, typically with 1-3 passes of a mechanical scraper. NOTE: Mechanical removal of cutback by sanding, grinding or blasting can be hazardous since old cutback adhesive may contain asbestos. Harmful dust may result. Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Consult all applicable government agencies for rules and regulations concerning the removal of floorings and adhesives that contain asbestos. Tacky or pressure-sensitive adhesive must be mechanically removed by a method such as shot blasting.

#### Storage

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

#### Shelf Life

Maximum 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. Non-hazardous; no special precautionary measures are required. 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 Fortane brand product(s) under normal environmental and working conditions. Because each project is different, TEC Specialty Products LLC cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

### 4. TECHNICAL DATA

#### Physical Properties

Fortane Multi-purpose Primer	
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. Multi-purpose Primer must be stored in an unopened container in a cool, dry location out of direct sunlight and protected from weather.
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 Fortane Multi-purpose Primer with clean, potable water in the ratios listed in the coverage chart.

### Application

Use a 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

Multi-purpose Primer dries in 30 minutes to 3 hours **under ideal ambient conditions**. When the Multi-purpose 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. To ensure product is fully dried, apply water droplet to surface and rub with fingertip. When water remains clear, product is fully dried. If water turns milky white, product is not dry. Repeat every 30 minutes until water remains clear. 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

Fortane products are available nationwide.

To locate Fortane products in your area, please contact:

Phone: 800-832-9002

Website: [tecspecialty.com](http://tecspecialty.com)

## 7. LIMITED WARRANTY

The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. **TEC Specialty Products LLC disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product.**

For Limited Warranty details visit [tecspecialty.com](http://tecspecialty.com). To obtain a hard copy of the Limited Warranty call TEC Specialty Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

## 8. TECHNICAL SERVICES

### Technical and safety literature

To acquire technical and safety literature, please visit our website at [tecspecialty.com](http://tecspecialty.com).

To learn more, visit [TECSpecialty.com](http://TECSpecialty.com)



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