

### 1. Product Name

Treadstone® TP1 High-Performance Primer

### 2. Manufacturer

Formulated Materials, LLC  
3010 NW 149th St., SUITE 100  
Oklahoma City, OK 73134  
Tech Services : (844) 405-3676  
[www.formulatedmaterials.com](http://www.formulatedmaterials.com)  
[www.formulated.info](http://www.formulated.info)

### 3. Product Description

Treadstone® TP1 High-Performance Primer is a low-VOC, water-based primer engineered to enhance adhesion between wood substrates and Treadstone® Fire-Rated underlayments. It ensures a strong bond while controlling substrate moisture absorption, minimizing cracking, decoupling, and promoting uniform curing.

#### Key Features

- Provides a strong bond between wood subfloors and poured underlayments.
- Quick Drying – ready for underlayment installation within 30 minutes, depending on conditions.
- Low VOC – Compliant with environmental regulations (<50 g/L).
- Easy Application – Apply with roller or sprayer.
- Low Odor – No objectionable odor when applying inside.
- Approved for use as a Primer under all Treadstone® Underlayments.
- Approved for use as a Sealer over all Treadstone® Underlayments.

#### Suitable Substrates

- Structurally sound wooden subfloors.
- Concrete, gypsum, adhesive residue.
- Previously primed and prepared substrates.

#### Product Composition

- Modified Styrene/Acrylic Latex

#### Product Limitations

- Not intended for exterior applications
- Do not apply in freezing conditions or high humidity
- Limitations not to be construed as all inclusive

#### Packaging

- 5 Gal pail / 36 pails per pallet



### 4. Technical Data

#### Applicable Standards

| ASTM Test | Standard  |
|-----------|---|
| D2697     | Standard Test Method for Determining the Volume of Nonvolatile Matter in Clear or Pigmented Coating                     |
| D2196     | Standard Test Methods for Measuring the Rheological Properties of Non-Newtonian Materials Using a Rotational Viscometer |

#### Technical Chart

| Property          | Test Method | Results                            |
|-------------------|-------------|------------------------------------|
| Base Chemistry    |             | Modified Styrene/Acrylic CoPolymer |
| Physical State    |             | Liquid                             |
| Color             |             | White                              |
| Solids By Volume  | ASTM D2197  | 44%                                |
| Viscosity         | ASTM D2196  | 500cP                              |
| Weight Per Gallon |             | 8.5 lbs.                           |
| Dry Time          |             | Approximately 30 minutes           |
| VOC Content       |             | >50 g/L                            |

#### Environmental Considerations

Formulated Materials is dedicated to environmental responsibility in product development and manufacturing processes. When used per applicable guidelines, this product may contribute to LEED® certification.

### 5. Instructions

#### General Surface Prep

Ensure the surface is clean, dry and structurally sound. Repair any cracks, spalling, or unstable areas. Remove dust, dirt, oil, grease, and contaminants. Use mechanical methods (grinding, sanding) if needed. Verify moisture levels meet product requirements. Address excessive moisture if necessary. Maintain recommended temperature and humidity. Avoid extreme conditions. Perform a final check to clear debris and confirm the surface meets all preparation guidelines before application.

#### Application

##### Site Conditions

- Apply only when temperature is between 40° F and 100° F, and Relative Humidity is below 90%.

##### Apply

- May dilute with water to a 3:1 ratio (Water:TP1).
- Handmix before application to ensure product is fully blended.
- Use a paint roller to apply an even coat to all areas receiving underlayment.
- Apply at a rate of ~300 sq ft per gallon.
- Porous surfaces require more primer.
- Avoid puddling or over-application.

##### Use as a Sealer

- Make certain underlayment is clean and contaminate-free.
- Dilute with water to a 3:1 ratio (Water:TP1).
- Ready to receive flooring within 30 minutes.

##### Check for Readiness

- TP1 Dries Clear when ready for underlayment or flooring.
- Dry Time: Approximately 30 minutes, depending on temperature and humidity.
- Touch Test: The surface should be tacky but should not transfer material to your hand.

#### Clean Up

- Clean tools with water immediately after application.
- If necessary, mineral spirits or similar agents may be used to clean any cured material.

#### Storage & Handling

- Store between 40° F and 100° F in a sealed container.
- Shelf life is 12 months from manufacture when stored properly.

#### Health Precautions

- Follow all local safety regulations, including OSHA Section V: Chapter 4 for Fall Protection in Construction.
- Follow the manufacturer's Safety Data Sheets (SDS) and safety protocols for PPE.

#### Conformance to Building Codes

Installation must comply with all applicable local, state, and federal codes, regulations, and industry standards.

For additional technical support, contact Formulated Materials or visit [www.formulatedmaterials.com](http://www.formulatedmaterials.com).

### 6. Availability

| Item  | Description                 | Size    |
|-------|-----------------------------|---------|
| 10110 | TP1 High Performance Primer | 5G Pail |

36 pails per pallet

### 7. Product Warranty

For details and complete warranty information, visit [www.formulatedmaterials.com](http://www.formulatedmaterials.com).

### 8. Product Maintenance

Properly installed products do not require ongoing maintenance.

### 9. Technical Services Information

For Technical Services, contact Formulated Materials at (844) 405-3676.

### 10. Filing System

Additional product information is available from Formulated Materials upon request.



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