

Physical Property	Typical Value	Test Method
Appearance	White	-
Application Temperature (Ambient)	50°F to 110°F (10°C – 43°C)	-
Coverage Rate (per gallon)	200 sq. ft / gallon (approximate)	-
Solids by Weight	45% +/- 2%	ASTM D2369
Solids by Volume	37% +/- 2%	ASTM D2697
VOC	< 100 g/L	Calculated
Density	9.8 lbs./gal.	ASTM D1475
Cure Time @ 75°F (24°C)	Dry to touch in 20 – 40 minutes Full cure within 24 hours	ASTM D1640

### Description

**Prime-Tek Metal Primer** is a single-component acrylic primer that is stain resistant, permanently flexible, and very durable. It has excellent resistance over metal substrates and works very well over concrete, masonry, and wood substrates as well. Prime-Tek Metal Primer can be over-coated with acrylic and silicone coating systems. The product dries/cures quickly and has weather resistant characteristics and extended open time for easy, high-quality applications. It is designed to provide resistance to corrosion and excellent adhesion to steel, aluminum, and galvanized metal substrates.

### Shelf Life

The shelf life of this product in unopened containers when stored between 50°F and 90°F (10°C and 32°C) is 18 months from the date of manufacture. This product will freeze in temperatures below 32°F (0°C) and will be unusable.

### Handling and Storage

Keep closure tight and container upright to prevent leakage. Ground and bond containers when transferring material. Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing of vapor or spray mists. Do not handle until all safety precautions have been read and understood. Empty containers should not be re-used. Use with adequate ventilation. Because empty containers may retain product residue and flammable vapors, keep away from heat, sparks and flame; do not cut, puncture or weld on or near the empty container. Do not smoke where this product is used or stored.

Do not store or use near heat, sparks or open flame. Refer to OSHA 29CFR Part 1910.106 "Flammable and Combustible Liquids" for specific storage requirements. Store only in well-ventilated areas. Do not puncture, drag or slide container. Keep container closed when not in use.

### Application

**Before handling, read the Safety Data Sheet for protective equipment and additional safety, health and environmental information. Poisonous if ingested.**

**Clean:** All surfaces to be primed must be clean, dry, sound, and free of unsound rust scale or other contaminants that could interfere with optimum adhesion. Some rust scale may need to be mechanically abraded and removed prior to application of the primer.

**Coat:** No thinning or reducing is necessary. Mix material in container to reach homogeneous consistency before use. Prime-Tek Metal Primer may be sprayed or applied with a brush or roller. Airless spray pump should be capable of a minimum 1,000 psi fluid pressure and ½ gallon (1.9 L) per minute output. Use a 0.17" to 0.25" orifice spray tip, depending on length of hose and spray pattern required. A minimum fan angle of 40° is recommended application over primer should occur within 48 hours to maintain adhesive performance due to potential weather and dirt pickup.

## Prime-Tek Metal Primer

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Ensure Prime-Tek Metal Primer is thoroughly dried/cured prior to application of coatings or polyurethane foam. Primer should be coated within 48 hours of application.

This product is not recommended for interior use. Building occupants should be warned of spray operations in process. Installers should exercise caution during spray processes to avoid falls caused by stepping into slippery wet coating. Installers should read and understand all technical and informational literature on this product, prior to use of the product.

## Clean-up

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Clean hands thoroughly after use. Equipment should be flushed with water after use.

## Packaging

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5 Gallon Pail, 55 Gallon Drum

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