

PERMAPRIME M

Rust Inhibitive Primer

DESCRIPTION

PermaPrime M is a high performance, acrylic-based primer specifically designed to promote adhesion of PermaCool Coatings to metal substrates. PermaPrime M stops rust and provides excellent surface protection against corrosive environments.

ADVANTAGES

- ▶ Permanently seals existing surface rust and prevents further corrosion from sun, water, salt and other oxidizing agents
- ▶ For use on variety of metal surfaces, including iron and steel, where corrosion is a problem
- ▶ Excellent adhesion to difficult and rusted metal surfaces
- ▶ Environmental friendly and VOC compliant

TECHNICAL CHARACTERISTICS *

PROPERTY	VALUES
Color	Red
Viscosity	600- 800 cPs
Density	10.0 lb/gal
Solids Volume	41%
VOC	< 65 g/L

* All values shown are nominal and subject to normal manufacturing tolerances.

PACKAGING & STORAGE

PermaPrime M is available in the following container sizes:

- 5 gallon pails (18.9 L)
- 55 gallon drums (208.2 L)

Do not store in direct sunlight. Keep temperature of contents between 55 - 80°F. **PROTECT FROM FREEZING.** Approximate shelf life is 12 months from date of shipment when properly stored.

SURFACE PREPARATION

Clean and prepare to near white metal, etching in accordance with SSPC-SP3 (power tool clean). Provide a roughened surface.

NOTE: Tooling with a wire brush IS NOT considered an etched surface. For sheet metal and aluminum, a P40 grit sanding disc is recommended to achieve adequate surface preparation. **SAFETY NOTE:** Power grinding of aluminum may enable the grinding disc to shatter due to heat transfer to the tool.

Performance Roof Systems advises that adhesion/peel tests be performed prior to application on new or previously coated metals to ensure adequate bond can be achieved.

APPLICATION

Tools: Can be applied using a brush, roller or hand sprayer

Application Rate: 0.5 gal/100 ft² (8 wet mils)

Working Temperatures: Ambient and surface temperatures must be above 50°F and not fall below 32°F within 24 hours of application.

Working Times* (@ 75°F with 50% humidity)

NEXT COAT	FULL CURE
6 hrs	24 hrs

* All working & cure times are approximate and vary upon wind, humidity and ambient/surface temperatures.

Clean Up: For wet material use soap and water; For cured material use mineral spirits or citrus-based cleaners

LIMITATIONS

Do not attempt application if rain or dew are likely to occur before product can dry.

High humidity conditions or late afternoon applications should be avoided as overnight dew formation on uncured surfaces can cause coating wash-off.

Not intended to perform under ponding water conditions. Positive drainage is required.

For complete application instructions please refer to published specifications and recommendations.