



TECHNICAL DATA

Thermo Rust Inhibitor

Priming Agent for Light Rust

DESCRIPTION

Thermo Rust Inhibitor is a water-based priming product used to cover and inhibit rust on metal surfaces.

Each roof application has unique requirements and as such may require a specific system configuration and application. This product is manufactured to our product specification and our only obligation shall be to replace such product if proven to be defective. Thermo Manufacturing Systems, LLC does not assume responsibility for any defects in application of this product, or any deficiencies in any roof or substrates on which this product is applied, nor shall Thermo Manufacturing Systems, LLC be responsible or liable for injury, loss, or damage of any kind or character, direct or consequential, arising from the application, use or inability to use this product.

TYPICAL PHYSICAL PROPERTIES

<u>PROPERTY</u>	<u>VALUE</u>
*Solids Content (by Weight)	50% ± 5%
*Specific Gravity	1.0 – 1.2
*Viscosity	500 cps
*pH	8.5 – 9.5

USES

Thermo Rust Inhibitor is a water-based rust inhibitor to be applied over all lightly rusted areas evident on the metal substrates after removal of old roofing and clean up.

COVERAGE

When applied at a rate of 1-gal/200 sq ft, the theoretical wet film thickness should be 8 mils and the theoretical dry film thickness should be 4 mils.

COLOR

Yellow

STORAGE STABILITY

One year when stored in unopened containers at 40°F - 80°F. DO NOT FREEZE.

CLEAN UP

Water

PRIMER

On properly prepared surfaces, no priming is needed for application to most metal.

CURE TIMES

When applied at 6 wet mils coating thickness and at conditions of 75°F and 50% relative humidity, Thermo Rust Inhibitor should reach final cure in 24 hours. Colder weather and/or higher humidity will retard curing whereas warmer weather and/or lower humidity will accelerate curing.

LIMITATIONS

Thermo Rust Inhibitor will freeze and should not be shipped or stored at temperatures below 32°F. Thermo Rust Inhibitor is not recommended for installations where ponding water is likely to occur for longer than 48 hours. Thermo Rust Inhibitor should not be applied when weather conditions will not permit drying, i.e. high relative humidity (>90%), just before rain, dew, freezing temperatures or sunset.

PACKAGING

Available in 1 gallon cans and 5 gallon pails

SURFACE PREPARATION

Light to moderate rust should be removed by wire brushing. For heavy rust use Thermo Rust Converter. Remove all rust powder and other contamination such as paint, grease or oil. Thermo Rust Inhibitor is supplied ready to use. Thinning is not required or recommended. If required, stir the materials slowly to ensure uniformity. **DO NOT MIX AT HIGH SPEED.**

APPLICATION INSTRUCTIONS

Brush

Roller – long nap

Conventional or airless spray equipment

WARRANTY

When applied by an approved applicator and with an approved maintenance program, extended warranties are available by notifying Thermo Manufacturing Systems, LLC **PRIOR** to job start.

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