



TECHNICAL DATA

Thermo Rust Converter

Converting Agent for Moderate Rust Conditions

DESCRIPTION

Thermo Rust Converter is a water-based rust converter used to change the molecular structure of the rusted areas to a black oxide finish.

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.

USES

Thermo Rust Converter is a rust converter to be applied over all moderately rusted areas evident on metal substrates.

COLOR

Opaque

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 Converter should reach final cure in 24 hours. Colder weather and/or higher humidity will tend to retard curing whereas warmer weather and/or lower humidity will tend to accelerate curing.

LIMITATIONS

Thermo Rust Converter will freeze and should not be shipped or stored at temperatures below 32°F. Thermo Rust Converter is not recommended for installations where ponding water is likely to occur for longer than 48 hours. Thermo Rust Converter 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 sand blasting, needle gun or abrasive wheel is recommended to remove all moderate scale. Light to moderate rust should be removed by wire brushing. Remove all rust powder and other contamination such as paint, grease or oil. Thermo Rust Converter 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

Apply by brush or roller with long nap. DO NOT USE conventional or airless spray equipment.

WARRANTY

When installed by an approved applicator and with an approved maintenance program, various extended warranties are available for specific Thermo Materials® Roof Restoration Systems by notifying Thermo Manufacturing Systems, LLC **PRIOR** to job start. Call for details regarding warranty application documentation requirements.

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