THERMO MATERIALS®
STANDARD THERMOLASTIC® EXTERIOR METAL WALL COATING SPECIFICATION

Disclaimer: This document is intended as a Scope of Work and as such is written in a general manner. If actual project conditions are such as to be outside the scope of the normal weatherproofing practices that are referenced in this document, steps should be taken to ensure the restoration remains in compliance with nationally recognized weatherproofing practices.

The following covers the installation of an **Acrylic Wall Repair and Coating System** for a properly prepared metal wall system.

REQUIRED MATERIALS

1. Cleaner – Thermoclean® Surface Cleaner *(400 sq ft/gal)*
2. Light Rust Treatment – Thermo Rust Inhibitor *(200 sq ft/gal)*
3. Moderate Rust Treatment – Thermo Rust Converter *(200 sq ft/gal)*
4. Flashing Mastic – Thermolastic® T-60 *(40 linear feet average per gallon)*
5. Base Coat – Thermolastic® Sun Stop® Wall
6. Surface Coat – Thermolastic® Sun Stop® Wall

COVERAGE RATES

- 200-250 square feet per gallon per coat, apply at 6.5-8 wet mils to achieve 3.5 – 4.4 DFT per coat
- 470-590 square feet per pail for two coats, apply at 6.5-8 wet mils per coat to achieve 7 – 8.8 DFT per system

RECOMMENDED THERMO SYSTEM

1. All existing surface contaminates shall be removed to expose the underlying surface to which new materials are to be applied.
2. All surfaces to receive fluid-applied application shall be thoroughly cleaned using a high-pressure spray washer, with a minimum 3,000 psi, clean water and an admixture of ***Thermoclean® Surface Cleaner*** metered through the washer's pick-up-tube, to remove all loose debris, dirt, algae and other buildup. In areas where pressure washing would be prohibited due to existing substrate conditions, prepare these areas by hand using *Thermoclean® Surface Cleaner*. Entire surface shall then be rinsed with clean water and allowed to dry.
3. Areas of rust shall have the appropriate application of *Thermo Rust Inhibitor* Light Rust Treatment or *Thermo Rust Converter* Moderate Rust Treatment applied. Severe rust is not considered a coatable surface. Replace deteriorated panels with like size, style and type.
4. All existing fasteners shall be re-tightened and secured as necessary. Loose or missing fasteners shall be replaced with like but slightly larger OD and the area resecured by adding a new fastener next to the one which was stripped or replaced. All exposed fasteners shall be fully encapsulated using *Thermolastic® T-60* Flashing Mastic and strike or tool into place to achieve a smooth transition.
5. Upon the completion of the initial surface preparations, all vertical seams shall have a 2" wide layer of *Thermolastic® T-60* Flashing Mastic applied in such a fashion to achieve a smooth transition. Allow application to fully cure.
6. After full cure of preparations, apply a uniform 1-gal/200-250 square feet of *Thermolastic® Sun Stop® Wall* Base Coat. Allow application to fully cure.
7. After full cure of *Thermolastic® Sun Stop® Wall* Base Coat, apply a uniform 1-gal/200-250 square feet of *Thermolastic® Sun Stop® Wall* Surface Coat using a crosshatch pattern to that of the *Thermolastic® Sun Stop® Wall* Base Coat.
8. Inspect all finished surfaces for proper mils and deficiencies in the application. Where necessary apply additional *Thermolastic® Sun Stop® Wall* Surface Coat at a rate of 1-gal/200-250 square feet to any deficient areas.

Warranty: If applied according to our published specifications and guidelines and after successfully passing a final inspection and then accepted by Thermo Manufacturing Systems, LLC, this system would qualify for our 5-Year Material Warranty. Call for details regarding warranty application documentation requirements and warranty fee schedule. Optional Thermo Materials® Mastics and Sealants are available. Call for details.

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