



Application Guideline
**WALL-COAT DTM WALL COATING SYSTEM
METAL**

To ensure warranty eligibility, each job must be approved by American WeatherStar before it begins.

PART 1 - GENERAL

1.01 DESCRIPTION

- A. The intention of this guideline is to outline the procedures for the application of American WeatherStar **WALL-COAT DTM ARCHITECTURAL WALL COATING SYSTEM** for **METAL**. These suggested specifications describe materials, methods, and conditions necessary for the proper application of American WeatherStar Coatings.
- B. Actual application requirements may vary and are the responsibility of the installer. Painted or treated surfaces must be approved by an American WeatherStar technical representative.

1.02 APPROVED APPLICATOR

All American WeatherStar products shall be applied by a single, experienced, and competent Approved Contractor or applicator approved by American WeatherStar.

PART 2 - PRODUCTS

2.01 COATINGS AND RELATED MATERIALS

All materials used shall be manufactured by and or approved by American WeatherStar and shall meet the following specifications:

2.02 ELASTOMERIC COATING SYSTEM

DTM 3000

Type: Single-component Direct to Metal paint
Volume solids: 41 ± 3%
Color: White, Gray, Tan, Custom colors available

RED OXIDE RUST PRIME 912

Type: Rust inhibiting Primer
Volume solids: 40% ± 2%
Color: Red

ECOCLEANER 925

Type: Cleaner



2.03 DELIVERY AND STORAGE

- A. Materials shall be delivered in their original tightly sealed containers or unopened packages, all clearly labeled with the manufacturer's name, file number, and batch numbers.
- B. Materials shall be stored out of the weather in their original tightly sealed containers or unopened containers as recommended by the manufacturer.

2.04 WARRANTY

- A. American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of existing surface or previously applied coatings are beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.
- B. Comply with manufacturer's warranty application procedures. A Pre-Project Inspection Report should be submitted and approved prior to job commencement.

PART 3 - INSTALLATION

3.01 SURFACE PREPARATION

- A. Preparation shall include all requirements specified by American WeatherStar to ensure proper adhesion of the American WeatherStar products to the substrate. (An adhesion test may be necessary.)
- B. Verify that substrate has properly cured for a minimum of 30 days.
- C. Protect adjacent Work areas and finish surfaces from damage during coating system application.
- D. Clean walls using the **ECOCLEANER 925** (diluted 5:1). Apply diluted cleaner at a rate of 150 sq. ft per gallon. After 15 minutes' power wash using sufficient pressure to clean the surface but not so strong as to damage the masonry itself.
- E. Ensure that substrate is sound, clean, dry, and free of dust, dirt, oils, grease, laitance, efflorescence, mildew, fungus, biological residues, chemical contaminants, and other contaminants that could prevent proper adhesion.
- F. See primer instructions in section 3.02. Prime before making necessary repairs.

3.02 PRIMER APPLICATION

- A. Examine substrate to receive wall coating. Prime any rusted areas with Rust Prime 912 at a rate of 200 sq. ft. per gallon. An adhesion test may be necessary to ensure the DTM will adhere to certain paints. **DTM 3000** is self-priming and typically will not need a primer unless rust is present. Contact American WeatherStar Technical Services for details

3.03 APPLICATION RATES

- A. **10 Year System Requirement (6 mil System)**
 - 1. **Base Coat:** Apply base coat of **DTM 3000** at a rate of 200 sq. ft. per gallon
 - 2. **Top Coat:** Apply top coat of **DTM 3000** at a rate of 200 sq. ft. per gallon
- B. Each coat must be allowed to dry for 12-24 hours depending on humidity and temperature. The surface is to be inspected for defects, flaws or holidays and repaired if necessary.



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- C. Each contractor should estimate coating requirements based on actual experience and needs to figure in losses due to applicator experience, surface texture, wind, waste, and other factors that can affect gallons required.
- D. It is the applicator's responsibility to verify wet and dry mil thickness during the application process to ensure proper dry mil thickness of the total coating system.

3.04 RESTRICTIONS/LIMITATIONS

This system is to be used only in conjunction with commonly accepted industry standards but not limited to the following:

- A. No application of materials shall commence during inclement weather or when precipitation is imminent.
- B. No materials are to be applied to wet, dirty, or frozen surfaces.
- C. In conjunction with the final inspection, all debris, containers, materials, and equipment are to be properly removed from the job site. Grounds are to be cleaned, undamaged, and acceptable to the owner.