

SERIES 118 UNI-BOND® MASTIC

ANTI-CORROSION ACRYLIC MASTIC FOR OVERCOATING

Designed specifically to overcoat minimally prepared sound rusted steel and aged coating systems, Series 118 Uni-Bond Mastic provides exceptional high-build elastomeric protection in the toughest exterior environments. Ideal for projects where only minimal surface preparation is possible, Uni-Bond Mastic is an excellent option, forming a tough, flexible and impact-resistant film that tightly adheres to the structure.

Series 118 offers high-build corrosion-resistance and sprays easily to save application time. This acrylic mastic coating exhibits dry-fall characteristics, reducing the potential for overspray issues on buildings and surrounding property, and can be applied beneath a variety of topcoats, including fluoropolymers, for an aesthetically pleasing high-performance coating system.

Both applicators and owners can appreciate the versatility of Series 118 Uni-Bond Mastic. This coating, with its 200% elongation and excellent impact resistance, offers corrosion protection over the uneven surfaces often encountered on



above: Wardman Tower – Washington, D.C.

overcoat projects. Additionally, Series 118 helps reduce material and labor costs and extends the maintenance cycle of any overcoat project.

FEATURES AND BENEFITS

- Over 200% elongation
- Superior adhesion
- Compatible with high-performance topcoats
- Low curing stress on aged coating
- Easy to apply
- Corrosion-inhibitive pigmentation
- “Dry-fall” under certain conditions
- Impact resistant
- Low VOC and low odor



CORTLAND

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CORTLAND ELEVATED WATER TANK

When a limited budget prevented the City of Cortland, Illinois, from abrasive blasting their municipal water tank, the project team reached out to their local Tnemec representative for other options. The project team decided to use Series 118 Uni-Bond Mastic to overcoat the tank because of its elongation, high-build properties and its low VOC formulation. Applicators power washed the surface to remove all loose rust, old coatings and mold from the exterior steel, then applied two full coats of Series 118 at 6.0-8.0 mils dry film thickness per coat. After several seasons of freeze-thaw conditions, the coating continues to perform and protect the town's valuable asset.

COST-EFFECTIVE APPLICATION

Series 118 Uni-Bond Mastic is suited for projects where the budget does not allow for extensive surface preparation but low pressure washing can be performed. Uni-Bond Mastic is ideal for coating architectural steel and thin-gauge galvanized metals, water storage tanks exteriors, water and wastewater plants, exterior industrial storage tanks and piping, and other previously coated structures. Applying a coating system with Series 118 can be completed quickly and easily, and its flexibility makes it a versatile option regardless of location.

STEP 1 – SURFACE PREPARATION

Achieve a cleanliness standard in accordance with SSPC WJ-4 Waterjet Cleaning of Metals – Light Cleaning. Tightly adhered rust and aged coatings may remain as part of that cleanliness standard.

STEP 2 – SPOT PRIME

Any areas of bare substrate and any edges of an existing aged coating system should be spot primed. In instances where the exposed edges of the aged system are excessively thick, multiple spot prime coats may be necessary.

STEP 3 – SPRAY-APPLY

Using standard airless equipment, apply a full, high-build coat of Series 118 over the entire structure. Once the full coat is cured, the structure is ready for the application of a high-performance finish coating.

THE RIGHT SYSTEM FOR YOUR PROJECT

For help determining the best Uni-Bond Mastic coating system for your needs, [contact](#) your local Tnemec representative. Our representatives are among the most tenured and knowledgeable experts in the industry and can help you understand the benefits of specifying and applying the ideal coating system on your structures.

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