

Watson Coatings revolutionized the industry in 1986 with a breakthrough technology: solvent-based paint in water-soluble form. **Aqua-Shield Water Reducible Coating is the first successful water-based coating of its kind, and has become the the industry standard.** Aqua-Shield gives the coverage of solvent-based coatings with the ease of application, VOC compliance, and cleanup of water-based. It's the best of both worlds.



**THE COATING
THAT SET THE
FUTURE IN
MOTION.**



Industry standards stocked, custom shades available

No flash rusting

Easy to use, easy to clean: thins and cleans with just water

VOC-Compliant

Tools and accessories available, too!

Dry time between 5-45 minutes, depending on conditions

Ease of application: one product for spray OR roll

Custom formulations available for OEM requirements

Direct-to-metal without the need for primer

Surface tolerance + outstanding adhesion to existing coatings

Excellent coverage with single application - even yellow and orange



WHAT EXACTLY IS AQUA-SHIELD?

The WSR Series is a water-carried and water-thinned alkyd enamel. These alkyd enamel coatings exhibit good durability, corrosion resistance, and impact resistance with high initial gloss and excellent gloss retention.

HOW CAN THE WSR SERIES BE APPLIED?

Due to the unique formulation of the WSR Series, it may be applied by a variety of methods. The following is a general list: brush; roll; spray (conventional, HVLP, Air-Assist, Electrostatic); dip; flowcoat.

DO I NEED TO THIN THE WSR SERIES? WITH WHAT PRODUCT?

Typically, the WSR Series needs no further reduction for most applications. If thinning is necessary, use no more than 10% by volume of tap water. Do not add any other solvents, whether recommended for water reducible coatings or not.

DO I NEED PRIMER OR SPECIAL SURFACE PREPARATION FOR THE WSR SERIES?

The WSR Series is a direct to metal (DTM) coating which will provide excellent adhesion and corrosion resistance to bare metal and will exhibit no flash rusting. The WSR Series will also give excellent adhesion to clean, dirt- and oil-free surfaces with pre-existing coating. Always make sure all loose paint is removed.

WILL THE WSR SERIES COATINGS FREEZE?

No, the WSR Series coatings are freeze/thaw stable products, although they will thicken when exposed to freezing temperatures. It is always good practice to warm the product to room temperature before use.



IS THE WSR SERIES COATING FLAMMABLE AND/OR DO THESE COATINGS REQUIRE ANY SPECIAL STORAGE?

No, the WSR Series is listed as Class III Combustible Liquid. The series requires no special storage for containers less than 110 gallons and quantities of less than 300 gallons.

WHAT KIND OF COVERAGE CAN I EXPECT FROM THE WSR SERIES?

WSR Series coatings are formulated with the highest recommended amount of hiding pigment. Typically, this gives acceptable coverage in a single coat, at 3-4 mils wet film thickness. Because coverage varies based on color and application, the following can be used as a guideline (using WSR621 Green):

Coverage at 3 mil wet film thickness BRUSH, ROLL = 250 sq ft

DIP, FLOW = 225 sq ft

SPRAY = 200 sq ft conventional, 230 sq ft electrostatic

WHAT IS THE DRY TIME OF THE WSR SERIES?

Because temperature and humidity play a big role in the dry time of air dry coatings, especially water-reducible ones, the following can be used as a guideline:

35% humidity 50°F = 45 min

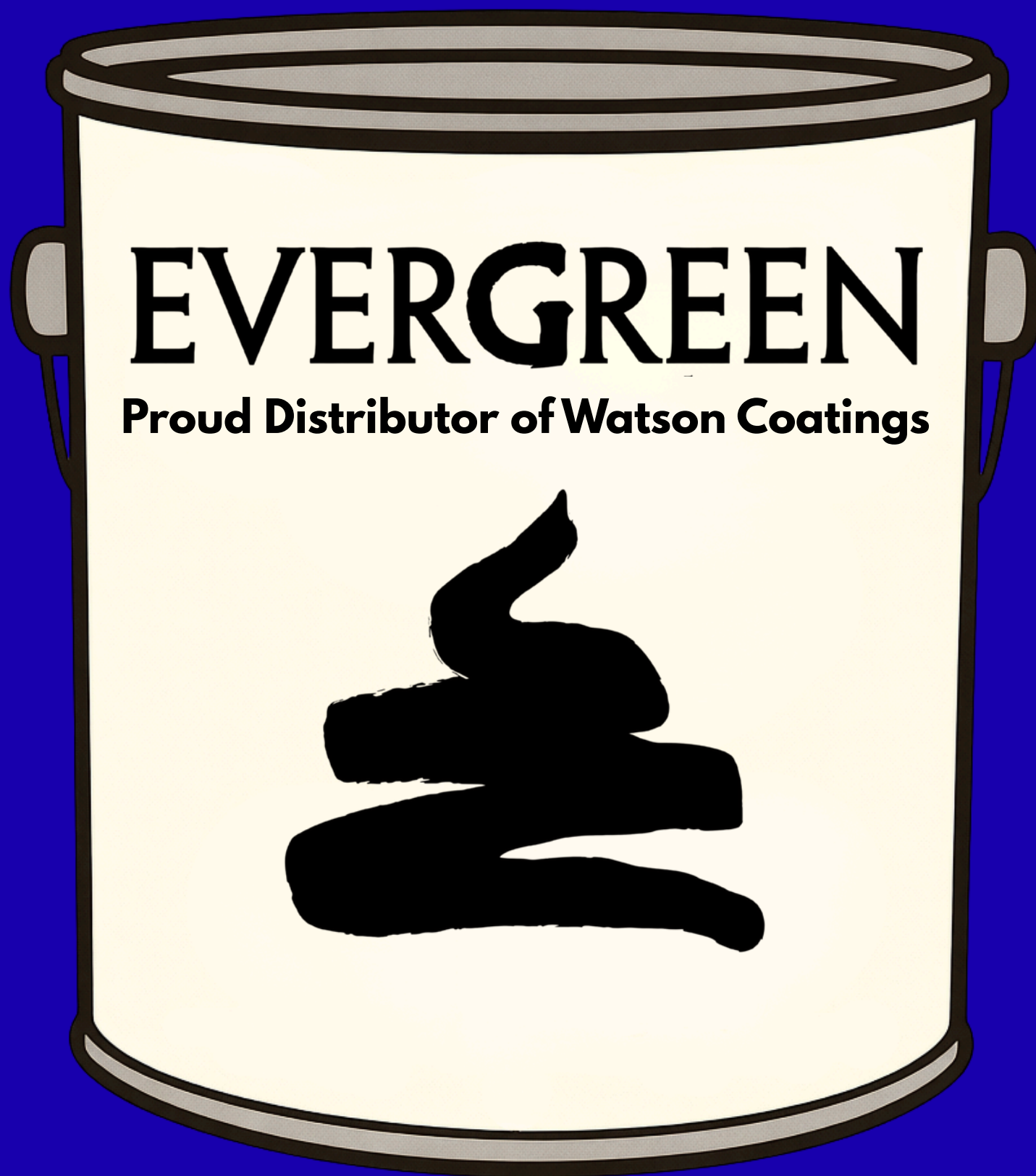
35% humidity 70°F = 30 min

35% humidity 90°F = 15 min

70% humidity 50°F = 75 min

70% humidity 70°F = 60 min

70% humidity 90°F = 60 min



EVERGREEN

Proud Distributor of Watson Coatings