



Aqua-Shield

Water Reducible Coating

THE COATING
THAT SET
THE FUTURE
IN MOTION

WATSON COATINGS REVOLUTIONIZED THE INDUSTRY IN 1986

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



AQUA-SHIELD DELIVERS EXACTLY WHAT YOU NEED

- Excellent hiding with a single application, even with yellow and orange
- Surface tolerance with outstanding adhesion to existing coatings, or direct-to-metal without the need for a primer
- Dry time between 5-45 minutes (depending upon conditions) with no flash rusting
- Ease of application with one product for spray or roller applications
- Easy to use, easy to cleanup: thins and cleans with water
- Industry standard colors in stock, custom colors available (talk to your distributor about stocking your colors locally)
- Compliance with VOC requirements
- A one-stop resource for all painting accessories
- Custom formulations for OEM applications



www.watsoncoatings.com



WATSON COATINGS BACKS AQUA-SHIELD

with a network of distributors committed to giving you fast, reliable and consistent service every step of the way. When you need **Aqua-Shield**, and need it quickly, turn to your distributor for the quality you demand and the attention you deserve. Choose the coating specified by all the major players in the gas cylinder industry: **Aqua-Shield**. Remember, at Watson Coatings, we've got you covered.

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FREQUENTLY ASKED QUESTIONS ABOUT AQUA-SHIELD WSR SERIES ENAMELS

1) What is AQUA-SHIELD WSR series enamels?

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.

2) 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. Please consult your sales representative for a particular application.

Brush

Roll

Spray (conventional, HVLP, Air-Assist, Electrostatic)

Dip

Flowcoat

3) Do I need to thin the WSR series and 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.

4) Do I need to use a primer or need special surface preparation for the WSR series?

The WSR series is a direct to metal (DTM) coating and 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.

5) 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.

6) **Is the WSR series coating flammable and /or do they require any special storage?**

No, the WSR series is listed as a Class III combustible liquid and requires no special storage for containers less than 110 gallons and quantities of less than 300 gallons.

7) **What kind of coverage can I expect from the WSR series?**

The WSR series coatings are formulated with the highest recommended amount of hiding pigment. Typically the WSR series will give acceptable coverage in a single coat at 3 to 4 mils wet film thickness. Because coverage will vary from application to application and color to color the following can be used as a guideline:

Coverage of WSR621 Green per gallon 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)

8) **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 and especially water reducible coatings, the following can be used as a guideline:

	50°F	70°F	90°F
35% Humidity	45 min.*	30 min.*	15 min.*
70% Humidity	75 min.*	60 min*	60 min.*

* Dry to handle

For safety and performance information, please consult the product data and material safety data sheets.