



Waterborne Pool Paint

Semi-Gloss Finish WR-10XX

General Description

A new generation of waterborne, acrylic emulsion pool paints which can be applied over most types of pool coatings in good condition, as well as bare concrete or plaster surfaces. WR-10XX Series pool paint can be applied to slightly damp surfaces, dries quickly for recoating, and withstands continuous submersion in fresh and salt water. **Refer to the Insl-X® Swimming Pool Paint Application Instructions for complete instructions regarding application.**

- Use with fresh or salt water
- Dries quickly
- Lasting colour and protection

Usage

Apply to bare concrete, plaster, marcite, gunite, and most existing pool coatings in good condition. Suitable for fresh or salt water pools. Not for use in hot tubs or spas. Waterborne Pool Paint is compatible with most sound existing pool coatings.

Colours	White (10), Black (20), Aquamarine (19), Ocean Blue (23), Royal Blue (24)
Bases	N/A
Colorant System	Colour Preview® or Universal Colorants (Up to 60 mL may be added per 3.79 L)

Technical Data

Vehicle	Acrylic
Pigment	Titanium Dioxide
Volume Solids	38 ± 2%
Spread Rate Per 3.79 L	27.9 – 37.2 sq. m. (300 – 400 sq. ft.)
Recommended	Wet: 4.0 – 5.3 mils
Film Thickness	Dry: 1.5 – 2.0 mils
Theoretical Spread Rate per gallon shown here will vary depending upon the application procedure.	
	To Touch: 30 minutes
Dry Time @ 25 °C (77 °F) @ 50% RH	To Recoat: 4 – 6 hours
	Full Cure: 7 days outdoor 14 days indoor
High humidity and cool temperatures will result in longer dry, recoat and service times.	
Surface Temperature During Application	Min: 10 °C (50 °F) Max: 32.2 °C (90 °F)
Viscosity	77 ± 4 KU > 93.3 °C (200 °F) (TT-P-141, Method 4293)
Flash Point	25 – 45 @ 60°
Sheen / Gloss	
Clean Up	Warm, soapy water
Thinner	Do not thin
Weight Per 3.79 L	4.8 kg (10.6 lbs.)
Storage Temperature	Min: 4.4 °C (40 °F) Max: 32.2 °C (90 °F)
VOC	< 340 g/L

Surface Preparation

The following is a basic guide only. Refer to the Insl-X® “Waterborne Pool Painting Guide” for complete instructions regarding preparation and application. Surfaces to be painted must be clean, dry and free from all oils and grease. Use a heavy-duty citrus based cleaner or degreaser. Hand scrub at the water line where oils from suntan lotion will tend to migrate.

Unpainted Concrete / Plaster (Marcite, Gunite, Diamond Brite®):

These substrates must be allowed to completely cure until the surface pH is 9 or less. Verify the pH in multiple areas or allow a minimum curing period of 30–60 days prior to coating. Once fully cured and thoroughly cleaned, new or previously unpainted surfaces must be etched using Insl-X® Concrete Etch or a 10% muriatic acid solution. Apply evenly until surface reaction (bubbling/fizzing) ceases. It is extremely important that all acid residue is completely neutralized and rinsed away. Neutralize using a solution of 1 lb. baking soda per 5 gallons of water. After neutralizing, triple-rinse thoroughly with clean water and allow the surface to dry for a minimum of 3 days prior to coating.

Note and precaution: Always pour acid into the water to dilute. NEVER POUR WATER INTO THE ACID TO DILUTE.

Unpainted Fibreglass / Steel:

Waterborne Pool Paint is not recommended for these substrates.

Previously Painted Pools:

Scrub surface with a heavy duty citrus based cleaner / degreaser to get rid of all chalk, scum, oil, dirt and suntan lotions. Flush with plenty of clean water and let dry. Scuff sand with 100 – 150 grit sandpaper or equivalent. Rinse off sanding dust and allow to dry 24 hours.

Do not acid etch a previously coated surface.

Priming

Concrete, Marcite, Gunite: Self-priming. Follow surface preparation listed above.

NOTE: Painting over many old layers of pool paint is not recommended and could result in premature adhesion loss. Once multiple layers (4 or more) of paint have been applied and have aged, consideration should be given to removing all old layers back down to the substrate prior to the next paint application. When in doubt, check the adhesion of previous paint layers before proceeding.

Compliance & Certifications

VOC compliant in all regulated areas.

Limitations

- Apply when material, air and surface temperatures are between 10 °C (50 °F) and 32.2 °C (90 °F).
- Always apply two (2) coats of paint at the recommended spread rate.
- Avoid painting in direct sunlight or when rain is forecast within 3 days. Do not paint if surface temperature is within 5 degrees of the dew point.
- Do not use in hot tubs and spas due to high water temperatures.
- Not recommended for aluminum, stainless steel, galvanized, fibreglass, steel or vinyl-lined pools.

Technical Assistance

Available through your local authorized independent retailer.

call 1-866-708-9180
visit www.insl-x.ca

Application

Stir the product thoroughly to ensure uniform pigment dispersion. This product is self-priming on the substrates listed above and is formulated to be applied without thinning. If thinning is required, use clean water only. The product may be applied by brush, roller, or spray; roller application is preferred. Follow the recommended spread rates and do not apply heavier than specified. Always apply two coats of pool paint. Use a short-nap roller only—longer nap rollers can apply excessive paint, which may lead to blistering. Two thin coats are recommended rather than one heavy coat, as over-application can cause premature pool paint failure.

Brush: Synthetic bristle.

Roller: Nylon or other synthetic roller cover. 10 mm – 13 mm (3/8" – 1/2") nap.

Spray, Airless:

Pressure / 2,000 – 2,500 PSI

Tip / 0.015 – 0.021

Filter / 60 mesh

NOTE: If more than 72 hours (25 °C/77 °F) elapses between coats, sand the film with 150-180 grit to provide sufficient profile. Do not apply this product if the material, substrate or ambient temperature is below 10 °C (50 °F) or above 32.2 °C (90 °F). Do not paint if surface temperature is within 5 degrees of the dew point. Wherever possible, avoid painting in direct sunlight.

IMPORTANT SAFETY NOTE: All glossy surfaces can be slippery. Where non-skid properties are required, a non-skid additive should be used.

Do not fill the pool before the paint has fully cured. Allow a minimum of 7 to 14 days after the final coat before filling with water—7 days for outdoor pools and 14 days for indoor pools. For both, provide forced ventilation using fans or blowers to circulate air and prevent solvent vapor buildup, which can slow final cure. Direct airflow both across the pool surface and down into the pool, paying particular attention to low-lying areas and the deep end of indoor pools where vapors tend to collect. If rainwater enters the pool before full cure is achieved, pump it out as soon as possible.

Never cover the pool with a tarp or solar blanket during cure. This could trap solvent in the coating.

All pool paints will eventually fade in colour when exposed to chlorine. Maximum colour fastness can be achieved by maintaining proper chemical balances. Do not over-chlorinate. After refilling pool, add concentrated chlorine or chlorine shock through a chlorinator or into the skimmer trap to avoid having concentrated chlorine come in contact with the new paint.

For exterior pools, allow 7 days after the final coat is applied before filling. Allow 14 days before filling indoor pools.

Clean Up

Wash brushes, rollers, and other painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.

Environmental Health & Safety Information

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

**Refer to Safety Data Sheet for additional
health and safety information.**