



WATERBORNE POOL PAINT

SEMI-GLOSS FINISH

WR-1XXX

Features

- Waterborne Pool Paint
- Dries Quickly
- Use With Fresh Or Salt Water
- Lasting Color And Protection

Recommended For

Where to use: Pools, Fountains. Waterborne Pool Paint is designed for use on concrete, Marcite, and Gunnite surfaces. The integrity of the Marcite or Gunnite must be sound and solid. Do not use in hot tubs and spas due to high water temperatures. We do not recommend painting stainless steel, aluminum, galvanized, fiberglass, steel or vinyl lined pools with this product. WR1XXX Series is compatible over any type or previously applied pool paint.

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-1000 Series pool paint can be applied to slightly damp surfaces, dries quickly for recoating, and withstands continuous submersion in fresh and salt water. **See Insl-x® Swimming Pool Paint Application Instructions for complete instructions regarding application.**

Limitations

- Apply when material, air and surface temperatures are between 50 °F and 90 °F (10 °C to 32.2 °C)
- 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.

Product Information

Colors — Standard:	Light Reflectance Values
WR1010 – White	85% plus
WR1020 – Black	X
WR1002 – Accent Red	X
WR1019 – Aquamarine	X
WR1023 – Ocean Blue	81%
WR1024 – Royal Blue	57%

WR-1XXX can be tinted with up to 2 oz. per gallon of Universal colorant.

— Tint Bases:

N/A

— Special Colors:

Contact your dealer.

Certifications & Qualifications:

VOC compliant in all regulated areas

The products supported by this data sheet contain a maximum of 340 grams per liter VOC/VOS (2.84 lbs/gal.) excluding water & exempt solvents.

Pool paint applications are not addressed by LEED (Leadership in Energy and Environmental Design).

Technical Assistance:

Available through your local authorized independent Insl-x dealer. For the location of the dealer nearest you, call 1-866-708-9180, or visit www.insl-x.com

Technical Data◇		White
Vehicle Type	Styrene Acrylic	
Pigment Type	Titanium Dioxide	
Volume Solids	38 ± 1.0%	
Coverage per Gallon at Recommended DFT	300 - 400 Sq. Ft.	
Recommended Film Thickness	– Wet	4.0 - 5.5 mils
	– Dry	1.5 - 2.0 mils
Theoretical Spread Rate per gallon shown here will vary depending upon the application procedure.		
Dry Time @ 77 °F (25 °C) @ 50% RH	– Tack Free	30 Minutes
	– To Recoat	4 – 6 Hours
	– Full Cure	7 days outdoor 10-14 days indoor
High humidity and cool temperatures will result in longer dry, recoat and service times.		
Dries By	Evaporation	
Viscosity	75 – 80 KU	
Flash Point	200°F or greater (TT-P-141, Method 4293)	
Gloss / Sheen	Semi-Gloss (25 - 45 @ 60°)	
Surface Temperature at Application	– Min.	50 °F
	– Max.	90 °F
Thin With	Do Not Thin	
Clean Up	Warm, Soapy Water	
Weight Per Gallon	10.6 lbs.	
Storage Temperature	– Min.	45 °F
	– Max.	95 °F
Volatile Organic Compounds (VOC)		
230 Grams/Liter	1.90 Lbs./Gallon	

◇ Reported values are for White. Contact dealer for values of other bases or colors.

Waterborne Pool Paint Semi-Gloss Finish WR-1XXX

Surface Preparation

The following is a basic guide only. Do not paint pool without following all instructions listed in the Insl-x® "Waterborne Pool Painting Guide".

Surfaces to be painted must be clean, dry and free from all oils and grease. Use Corotech® Citrus Based Cleaner V610 or a similar heavy duty citrus based cleaner / degreaser. Hand scrub at the water line where oils from sun tan lotion will tend to migrate.

Unpainted Concrete: Following a thorough cleaning, new or previously unpainted concrete pools must be etched with a 10% solution of muriatic acid, evenly applied until it ceases to effloresce. Then thoroughly triple rinse with clean water and allow to dry 3 days. It is extremely important to ensure that all traces of acid are thoroughly neutralized and rinsed away. Use a Solution of 1lb. Baking Soda to 5 Gallons Water.

Unpainted Plaster (Marcite/Gunite/Diamond Brite): Following a thorough cleaning, new or previously unpainted plaster must be etched with a 10% solution of muriatic acid, evenly applied until it ceases to effloresce. Then thoroughly triple rinse with clean water and allow to dry 3 days.

Unpainted Fiberglass / Steel: Waterborne Pool Paint is not recommended for these substrates.

Previously Painted Pools: Scrub surface with a Pool Cleaner 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 PAINTED SURFACE!

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 contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Primer System:

Concrete, Marcite, Gunite: Self Priming

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.

Application

Stir product thoroughly to assure uniform pigment dispersion. This product is self-priming on the substrates listed above. This product is formulated to be applied without thinning. If thinning is required, thin only with clean water. This product can be applied by Brush, Roller or Spray. Roller application is preferred. Follow spread rate recommendations. Do not apply heavier than recommendations. Always apply two coats of pool paint.

Brush: Synthetic bristle / **Roller:** Nylon or other synthetic roller cover. ¼" – ½" nap.

Conventional Air spray:	Binks	Graco	DeVilbiss
Spray Gun:	#18 or #62	800	JGA/502 or MBC-510
Fluid Nozzle:	66 or 63C	03 or 04	FF or E
Air Cap:	66PE or 63PB	02, 03 or 04	704, 765 or 78
Airless Spray:	Graco		
Pump:	23:1 Monarch or 30:1 Bulldog		
Pressure Filter:	60 Mesh		
Fluid Hose:	¼" x 50' or 3/8" x 100'		
Airless Gun:	208-663		
Tips:	.015 - .021 reversible tip		
Minimum Pressure:	2000 PSI		

NOTE: If more than 72 hours (@ 77°F) elapses between coats, sand the film to provide sufficient profile (150-180 grit). Do not apply this product if the material, substrate or ambient temperature is below 50°F or above 100°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.

Allow at least 7 days after the final applied coat before filling the pool with water. 10-14 days for indoor pools. Provide forced air flow by using fans to circulate air in the pool. This is especially important in the deep end of an indoor pool, where solvent vapors from the pool paint will collect and slow final curing. If rain water gets into the pool prior to the completion of full cure, pump out the rain water 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 color when exposed to chlorine. Maximum color 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.

WAIT 7 DAYS AFTER FINAL COAT BEFORE FILLING POOL WITH WATER. EXTEND DRY TIME TO 10-14 DAYS FOR INDOOR POOLS.

Clean Up

Warm, soapy water.

USE COMPLETELY OR DISPOSE OF PROPERLY. Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.

Environmental Health & Safety Information

WARNING!

VAPOR HARMFUL

Contains: 2-Butoxyethanol

HARMFUL IF SWALLOWED. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT. MAY BE HARMFUL IF ABSORBED THROUGH SKIN.

Cancer Hazard. Contains Crystalline Silica that can cause cancer when in respirable form (spray mist or sanding dust).

Contains ingredients, which may cause blood damage based on animal data.

Use only with adequate ventilation. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Do not breathe vapors, spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes, skin and clothing. 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 Cancer and Reproductive Harm—
www.P65warnings.ca.gov

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

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

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