



WATERBORNE POOL PAINT SEMI-GLOSS FINISH WR-1XXX

Features

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

Recommended For

Where to use: Pools, Fountains. Waterborne Pool Paint is designed for use on concrete, Marcite, and Gunitite surfaces. The integrity of the Marcite or Gunitite 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, fibreglass, steel or vinyl lined pools with this product. WR-1XXX 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 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.

Product Information

Colours — Standard:

- WR1010 – White
- WR1020 – Black
- WR1019 – Aquamarine
- WR1023 – Ocean Blue
- WR1024 – Royal Blue

Waterborne Pool Paint can be tinted with up to 2 oz. per gallon of Universal colorant.

— Tint Bases:

N/A

— Special Colours:

Contact your retailer

Certifications & Qualifications:

The products supported by this data sheet contain a maximum of 340 grams per litre 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 retailer.
For the location of the retailer nearest you, call 1-800-361-5898 or visit www.benjaminmoore.ca/inslx

Technical Data◇

White

Vehicle Type	Acrylic
Pigment Type	Titanium Dioxide
Volume Solids	38 ± 1.0%
Coverage per 3.79 L at	27.9 – 37.2 sq. m.
Recommended Film Thickness	(300 – 400 sq. ft.)
Recommended Film Thickness	– Wet 4.0 – 5.5 mils
	– Dry 1.5 – 2.0 mils
Theoretical Spread Rate per 3.79 L/gallon shown here will vary depending upon the application procedure.	
	– Tack Free 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.	
Dries By	Evaporation
Viscosity	75 – 80 KU
Flash Point	93.2 °C (200 °F) or greater (TT-P-141, Method 4293)
Gloss / Sheen	Semi-Gloss (25 - 45 @ 60°)
Surface Temperature at Application	– Min. 10 °C (50 °F)
	– Max. 32.2 °C (90 °F)
Thin With	Do Not Thin
Clean Up	Warm Soapy Water
Weight Per 3.79 L	4.8 kg (10.6 lbs)
Storage Temperature	– Min. 7.2 °C (45 °F)
	– Max. 35 °C (95 °F)

Volatile Organic Compounds (VOC)

289.6 Grams/Litre

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

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 a 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 Fibreglass / 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 80 – 100 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 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>

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. 6.35 mm – 12.7 mm (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:	6.4 mm x 15.2 metres or 9.5 mm x 30.5 metres		
Airless Gun:	208-663		
Tips:	.015 - .021 reversible tip		
Minimum Pressure:	2000 PSI		

NOTE: If more than 72 hours (@ 25 °C/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 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.

Allow at least 7 days after the final applied coat before filling the pool with water, 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 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.

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

Clean Up

Warm, soapy water.

Environmental Health & Safety Information

CONTENTS MAY BE HARMFUL.

Do not swallow.

Do not get in eyes or on skin or clothing.

Do not breathe fumes.

Use only in a well-ventilated area.

Keep out of reach of children.

Wear safety glasses, gloves and properly fitted NIOSH approved respirator.

FIRST AID TREATMENT

Contains 2-Butoxyethanol.

If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting.

If in eyes or on skin, rinse well with water.

If on clothes, remove clothes.

If breathed in, move person into fresh air.

Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling

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

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