

TECHNICAL DATA SHEET

Product Name: POOLCOAT WB™

Product Description:

PoolCoat WB™ is a unique chlorine stable and UV stable underwater waterborne coating used for surfacing swimming pools, water parks, fountains, fish aquariums, decorative ponds, copings, water tanks, etc. Its 2-component formulation provides excellent durability, abrasion resistance with good resistance to chemical staining. This material is engineered to be applied in thin coats using its natural mixing ratio of 1A:2B. For thicker pinhole filling such as seen with white cement plaster pools, the mixing is changed to 1A:1B with added nano-fillers and is hard push-rolled into holes then back rolled to minimize coating thickness. Must be fully dry before recoating, usually 1 hour depending on ambient conditions. It is available in a full range of colors.

- Chemically resistant to chlorine and other pool chemicals, safe for chlorinated or salt water pools.
- Provides for a long lasting durable slick finish and will not chalk.

Material Property Values and Application Requirements Table

Property	*Values relative to density	Test Method
Tensile Strength	3600 psi	ASTM D412
Flex Modulus	250k psi	ASTM D790
Abrasion Resistance	60 mg loss /1000 cycles	ASTM D4060 (CS-17)
Hardness	Shore D 60-65	ASTM D785
Elongation	150 %	ASTM D412
Salt Spray	1000 h+, no damage	ASTM D714
Application: 90 psi pressure pot for spraying then backroll with smooth roller, low pressure gear pump machine with static mixer tube to dispense or spray, always backroll, hand batch mix and normally apply with medium to smooth roller and brush in corners.		
Normal Mixing Ratio 1A:2B pbv, Pinhole filler mixture 1A:1B hand batching. Power mix stir B-Side slowly until uniform color and viscosity prior to use.		
Surface Preparation: clean and dry. but may be slightly damp, no residual cleaner or other contaminates, dirt, loose material, installation ambient temp. 40F(5°C)- 104F(40°C), surface temp. 40F(5°C)- 105F(40°C).		
Tack Free Gel Time = 30 min. depending on mixing ratio and ambient conditions.		
Functional operation temperature: -40F(-40°C)- 120F(48°C)		
Coverage: 200 sqft. @ 0.008 mils/gal. Recoat only after previous thin coat is fully dry.		
See SDS for material safety data. Must wear eye goggles, respiratory protection, gloves, etc.		
KEEP MATERIAL FROM FREEZING, moisture-free temperature controlled storage 12°C- 32°C, 12 month shelf life if never opened.		
Packaging: Tote set 550 gal (4900 lbs), 100 gal Drum set (900 lbs), 10 gal Pail set (90 lbs)		

Please contact our Engineering and/or Technical Support Groups with any questions.

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