



Polidura PU Pool uses specially selected raw materials, showing excellent adherence, chemical and ultraviolet light resistance. Excellent gloss retention and high durability to weathering. This coating preserves the good looks of the pool, keeping its embellishment.

TECHNICAL CHARACTERISTICS

TYPE

Two component solvent based, PU finish.

USAGE

Polidura PU Pool can be applied to fiberglass and new or older concrete. For questions please contact our technical department.

TECHNICAL INFORMATIONS

COLOR	Pool Blue / White		
FINISH	High gloss		
WEIGHT PER LITER	1.10 ± 0.05 g/ml	According to ASTM D 1475	
THEORETICAL SPREADING RATE	30 to 40 m ² /coat/gallon 3.6 liters		
COATS	2 to 3 coats		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	3,0
	Comp. B	30,0	1,0
POT LIFE (25°C)	6h		
DRYING TIME (25°C)	Touch	1h	
	Handling	12h	
	Between coats for Conventional Spray Gun	2h	
	Between coats for Brush and Roller	10h	
ENVIROMENTAL CONDITIONS	Temperature	Should be between 10 to 40°C	
	Relative Humidity	Between 30 to 85%	
	Dew Point	Surface temperature is at least 3°C above dew point	
	Thinner	Thinner PU Pool (5197)	
APPLICATION	Brush	If necessary, dilute up to 20% (vol.) with thinner PU Pool (5197). Avoid retouches that leave a lot of accumulated paint a single area.	
	Roller	If necessary, dilute up to 20% (vol.) with thinner PU Pool (5197).	
	Conventional Spray Gun	Dilute up to 20% (vol.) with thinner PU Pool (5197). Conventional DeVilbiss JGA 503 FX 704 spray gun or similar are indicated. Spray pressure between 3.0 to 4.0 kgf/cm ² (40 to 60 psi). Tank pressure between 0.75 to 1.0 kgf/cm ² (10 to 15 psi).	



	Should not be applied on surface with less than 30 days of curing. Neutralize the alkalinity of the surface by washing with muriatic acid 10%, rinse with water and wait for complete drying before painting. Apply the first coat diluted with 25% (vol.) of thinner PU Pool (5197) with roller or spray to get that function and perform of sealer, other coats paint as recommended dilution.
New Concrete	
	The concrete must be free of cracks, displacement, calcination, soluble salts or efflorescence. Wash the surface with 10% muriatic acid solution, rinse with water and wait for complete drying before painting. Apply the first coat diluted with 25% (vol.) of thinner PU Pool (5197) with roller or spray to get that function and perform of sealer, other coats paint as recommended dilution.
Old Concrete	
SURFACE PREPARATION	
	Sand the surface with 320 sandpaper until complete removal of the gloss. Wash the surface with water to completely remove of the dust, dry with clean cloth or wait for complete drying environment. Before you start painting clear the surface with hydrated ethanol 70% to remove possible contaminants, wait for complete drying and start the application.
Fiberglass with gel coat	
	Wait for the curing time indicated for the lamination process. After that time, it is necessary to seal the laminated fiber with the Revran TTF 527 primer. Finally, respecting the overcoating interval of Revran TTF 527 from 8h to 48h, apply Polidura PU Piscina.
Laminated fiberglass	
	Sand the surface with 320 sandpaper until break the gloss paint and execute the paint according to previous guidelines for each substrate. It is important that the surface is in good conditions, so verify its integrity before painting (free of flaking, loose parts, bubbles and imperfections).
Repainting over the product or similar products	
SHELF LIFE	18 months - container closed and without use.
NUMBER ONU	1263
NUMBER OF RISK	33



IMPORTANT RECOMMENDATIONS

1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
2. The weight/l, theoretical spreading rate and drying values were obtained in laboratory at a temperature of 25°C with blue paint. At an altered temperature, the results might be different from the specified ones.
3. To use the product, first mix Component A with Component B until complete homogenization and only then perform the dilution with product 5197.
4. The product must be applied evenly, avoiding transfers on the surface. Avoid isolated touch-ups on the painted surface after the paint film has dried.
5. Start filling the pool only after 72h, considering a temperature of 25 ° C or higher and relative humidity of more than 60%.
6. The pot life decreases with increasing temperature.
7. Do not use organic solvents or thinners to clean the surface.
8. Do not use abrasives to remove dirt materials, because it can damage the integrity of the film formed.
9. Polidura PU Pool must not be applied over internal areas in potable water storage tanks and ceramic substrates.
10. The treatment of the pool water must be carried out constantly, using reference products on the market and carefully following the manufacturers' recommendations.
11. The quality control of the pool water must be frequent, maintaining the sanitary conditions for the bath, but also to avoid defects in the paint film. The main factors to be observed are pH, alkalinity, hardness and free chlorine. Excessive dosages or uncontrolled parameters can cause paint defects.
12. This product is not recommended for heated pools.
13. When stored, handled and applied properly on a surface previously prepared as indicated, this product will have all its characteristics protected until the validity expressed on the label.

SAFETY PRECAUTIONS

1. Improper use and handling of this product can be hazardous to health. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
 2. Storage: keep the product in sheltered, well-ventilated areas, away from the reach of children and animals. Keep it away from flames, sparks, drinks and food.
 3. Flammable: not flammable product.
 4. Inhalation: Avoid breathing vapors, keeping proper ventilation during application and drying.
 5. Handling: wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area. After the application, clean your hands with water and soap.
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HEALTH HAZARDS

1. Skin contact: wash affected area thoroughly with neutral soap.
2. Leakage: Isolate the area, and stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
3. Fire: protect non-affected recipients with water spray. Extinguish fire using water, carbon dioxide, foam or dry chemical.
4. Eyes contact: flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.

IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).
