



Polidura Anti-Graffiti PU Varnish uses specially selected raw materials, creating a glossy film with excellent physical and chemical resistance. When graffitied allows removal with Polidura Graffiti Remover, maintaining facades and walls always clean.

TECHNICAL CHARACTERISTICS

TYPE

Water based colorless polyurethane varnish, two pack system.

USAGE

Polidura Anti-Graffiti PU Varnish may be applied over external areas of masonry, concrete, metals or coated (with high quality WB and SB paints) surfaces.

TECHNICAL INFORMATIONS

COLOR	Colorless		
FINISH	Glossy		
WEIGHT PER LITER	1.050 ± 0.05 g/ml	According to ASTM D 1475	
THEORETICAL SPREADING RATE	40 m ² / coat / 3.6 liters gallon		
NUMBER OF COATS	2 or 3		
MIXING RATIO		Weight	Volume
	Comp. A	100.0	3.0
	Comp. B	34.0	1.0
POT LIFE (25°C)	2 h		
DRYING TIME (25°C)	Touch	20 min	
	Recoat	6 h	
	Total	24 h	
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	Potable Water	
APPLICATION	Brush	Dilute up to 10% (vol.) with water. Avoid retouch coats with a lot of paint in small areas.	
	Roller	Dilute up to 10% (vol.) with water. If used as sealer, dilute the first coat up to 25% with water. Dilute the remaining coats up to 10% with water.	
	Conventional Spray Gun	Dilute up to 25% (vol.) with water. Conventional DeVilbiss JGA 503 FX 704 spray gun or similar. 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).	



SURFACE PREPARATION

Masonry and concrete	Should not be applied on surface with less than 30 days of curing. After drying time, apply one coat diluted with 25% (vol.) of water.
Aged, weaked or calcinated surfaces and surfaces with loose parts	Loose or badly adhered parts should be eliminated by scraping or sanding the surface. Then, a Wall Preparing Primer must be applied.
Surfaces with mold or fungi	Wash the entire surface to be coated with a mixture (1:1) of water and sodium hypochlorite solution, let it over the surface by 3 hours. After the surface dries, Polidura Anti-Graffiti PU Varnish can be applied naturally.
Metal (except Galvanized Steel)	Proceed sanding (#320). Clean the surface with water and neutral detergent. After the surface dries, Polidura Anti-Graffiti PU Varnish can be applied naturally.
Coated Surfaces	The surface must be clean and free of contaminants as oils, fat, grease, dust and must not present peeling's areas. Proceed light sanding (#320) to break the gloss. Clean the surface with water to remove all dust generated by the sanding process. After the surface dries, Polidura Anti-Graffiti PU Varnish can be applied naturally. It can not be applied over Solvent Born Acrylic Varnish.

SHELF LIFE

12 months

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, viscosity and drying values were obtained in laboratory at a temperature of 25°C with a white color sample. At an altered temperature, the results might be different from the specified ones.
 3. Mix the product inside the container before application. The product must be applied in a uniform way, avoiding isolated retouch after the coat is dried.
 4. Do not use organic solvents or thinners other than Polidura Graffiti Remover for surface cleaning.
 5. Polidura Anti-Graffiti PU Varnish can be cleaned with water. The removal of possible graffiti done over it **MUST** be made with Polidura Graffiti Remover.
 6. This product has all its characteristics ensured until the shelf life date when properly stored, manipulated and applied over a treated surface according to this TDS recommendations.
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SAFETY PRECAUTIONS

1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. 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: Component A and Ready-to-use (A+B) are not flammable products. Component B is a flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
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.

HEALTH HAZARDS

1. Skin contact: wash affected area thoroughly with neutral soap.
 2. Leakage: Isolate the area. 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 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).
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