



Polidura Glossy Epoxy Topcoat uses specially selected raw materials, showing good chemical resistance and easy to apply.

TECHNICAL CHARACTERISTICS

TYPE

High Durability Polyamine-cured epoxy topcoat, two pack system.

USAGE

Recommended for accessories in general, metal structures, industrial equipment, marine equipment, interior and exterior of tanks and piping. It may be used over sealed masonry.

TECHNICAL INFORMATION

COLOR	White	Other colors, please consult.	
FINISH	Glossy		
VOLUME SOLIDS	48% ± 2	According to ISO 3233	
WEIGHT PER LITER	1.170 ± 0.05 g/ml	According to ASTM D 1475	
FLASH POINT	32°C		
MIXING RATIO		Weight	Volume
	Comp. A	100.0	4.0
	Comp. B	20.0	1.0
POT LIFE (25°C)	8 h		
INDUCTION TIME	15 to 30 min		
THEORETICAL SPREADING RATE	16.0 m ² /l - 30 µm		
WET THICKNESS	62.5 µm		
DRY THICKNESS	30 µm		
DRYING TIME, for 30 µm		25°C	

	Minimum	Maximum
Touch		1h
Handle		8h
Recoat	16h	48h

ENVIRONMENTAL CONDITIONS	Temperature	Should be between 5 to 52°C.
	Relative Humidity	Between 30 to 85%
	Dew Point	Surface temperature is at least 3°C above dew point
	Thinner	4097 - Epoxy Thinner

Brush It is not necessary dilution. This method must be used only for retouch and backing of welding cords and corners.

Roller Dilute up to 10% (vol.) with recommended thinner. Must be used solvent resistant roller (sheep wool). The wool must be cutted (small size) to avoid blistering during the application.

APPLICATION
Conventional Spray Gun Dilute up to 10% (vol.) with recommended thinner. Conventional DeVilbiss JGA 502 FX 704 spray gun or similar. Spray pressure between 2.5 to 3.0 kgf/cm² (35 to 50 psi). Tank pressure between 0.5 to 1.5 kgf/cm² (7 to 21 psi).

AirLess Spray Gun Dilute up to 10% (vol.) with recommended thinner. Use nozzles between 21 to 27 and pump pressure between 175 to 210 kgf/cm².



SURFACE PREPARATION	Over recommended primer	The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust, etc.
	Masonry	It may be applied directly over concrete, if it is clean and free of contaminants, and provided it has been cured for at least 20 days and it is recommendable to apply one coat of Polidura Epoxy Sealer.
	Recommended Primers	Polidura Epoxy AC Primer and Polidura Epoxy Sealer (masonry), for other primers consult our Consultants.
	Coated Surfaces	The surface must be clean and free of contaminants as oils, fat, grease and dust. Must not present peeling's areas. Proceed light sanding (220) to break the gloss.
	Recommended Topcoat	Not applicable

SHELF LIFE 18 months

UN NUMBER 1263

HAZARD NUMBER 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, viscosity and drying values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones. Low temperatures increase curing time. For temperatures below 10°C, contact our Consultants.
 3. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
 4. All epoxy coatings tend to calcinate when exposed to UV rays without modifying their anticorrosive properties.
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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. Maximum temperature: 40°C. Must not be directly exposed to the sun.
 3. Flammable: 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.
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HEALTH HAZARDS

1. Skin contact: wash affected area thoroughly with neutral soap.
2. Clothing contact: remove clothing and wash it.
3. Leakage: Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
4. Fire: protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
5. 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).
