

Polidura Write and Erase Varnish uses specially selected raw materials, creating a glossy film and allowing the writing and subsequent removal of it easily, without leaving stains or damaging the film. For writing use pen for whiteboard.

TECHNICAL CHARACTERISTICS

TYPE

Water based colorless polyurethane varnish, two pack system.

USAGE

Polidura Write and Erase Varnish may be applied internally in substrates previously painted with water or solvent based paint. Suitable for school, commercial, professional and residential environments.

TECHNICAL INFORMATION

COLOR	Colorless		
FINISH	Glossy		
WEIGHT PER LITER	1.00 ± 0.05 g/ml	According to ASTM D 1475	
THEORETICAL SPREADING RATE	40 m ² / coat / 3.6 liters gallon		
NUMBER OF COATS	1		
MIXING RATIO		Weight	Volume
	Comp. A	100.0	3.0
	Comp. B	34.0	1.0
POT LIFE (25°C)	1 h		
DRYING TIME (25°C)	Touch	20 min	
	Total	72 h	
ENVIRONMENTAL 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 20% with water. Avoid retouch coats with a lot of paint in small areas.	
	Roller	Use a short wool roller. Dilute with 20% water. Wash the roller before using it to remove possible aggregate yarns and dirt, eliminating the possibility of loosening during the application of the varnish.	
	Conventional Spray Gun	Dilute 20% 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	Coated Surfaces	The surface must be clean and free of contaminants as oils, fat, grease, dust and must not present peeling areas. Proceed light sanding (#220) to break the gloss. Clean the surface with water to remove all dust generated by the sanding process. After the surface dries, Polidura Write and Erase Varnish can be applied naturally.	

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. At a different temperature, the results might be different from the specified ones.
3. Dilute recommend and mix the product inside the container before application.
4. The shelf life of the mixture decreases with increasing temperature and catalyzed volume.
5. The product must be applied in an uniform way, avoiding isolated retouch after the coat is dried.
6. Avoid isolated retouching on the painted surface after the film has dried.
7. After complete drying (72 h) it is possible to write on the formed film using water based pen for whiteboard and erase without spotting.
8. Removal of writing can be done with a dry cloth or eraser specific to whiteboard. Do not use cleaning products, solvents or organic thinners to remove the writing, thus avoiding possible damage to the film.
9. The maintenance (reapplication) of the painting is only indicated for the cases where the film has suffered mechanical damages, aesthetic damages or infiltrations, otherwise, the writing resistance and subsequent removal must remain in good condition.
10. To achieve the full performance of this product, as an easiness to erase and not surface staining, Renner Coatings suggests writing on the film of Polishing Varnish Write and Erase with pen for whiteboard Pilot WBM - 7 type.
11. When stored, handled and applied properly on a surface previously prepared as indicated, this product will have all its characteristics protected until the validity stated on the label.

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,

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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