



Revran MPU 872 uses specially selected raw materials, showing great resistance to adhesion, abrasion and hardness. Presents chemical resistance to water, salt water and crude oil. Surface tolerant

TECHNICAL CHARACTERISTICS

TYPE

Epoxy resin cured with polyamide. Two pack system.

USAGE

Recommended for carbon steel, inside and outside of lodges, empty space, cofferdam, engine room, pipes and other steel structures.

TECHNICAL INFORMATIONS

COLOR	Red Oxide and Gray	Other colors, please consult.	
FINISH	Matt		
VOLUME SOLIDS	55% ± 2	According to ISO 3233	
WEIGHT PER LITER	1,340 ± 0,05 g/ml	According to ASTM D 1475	
FLASH POINT	24°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	5,9
	Comp. B	11,0	1,0
POT LIFE (25°C)	6 h		
INDUCTION TIME	15 min - 30 min		
THEORETICAL SPREADING RATE	7,3 m ² /l - 75 µm		
	2,7 m ² /l - 200 µm		
WET THICKNESS	135 - 360 µm		
DRY THICKNESS	75 - 200 µm		
DRYING TIME, for 75 µm		25°C	
		Minimum	Maximum
	Touch		30 min
	Handle		5 h
	Recoat	10 h	
ENVIROMENTAL CONDITIONS	Temperature	Should be between 0 to 40°C.	
	Dew Point	Surface temperature is at least 3°C above dew point	
	Thinner	420.0000	

APPLICATION	Brush	It is not necessary to dilute. This method must be used only for retouch and backing of welding cords and corners.
	Roller	Must be used solvent resistant roller (sheep wool). The wool must be cutted (small size) to avoid blistering during the application.
	Conventional Spray Gun	Dilute up to 15% (vol.) with recommended thinner. Conventional DeVilbiss JGA 502 FX 704 spray gun or similar. Spray pressure between 3,0 to 3,5 kgf/cm ² (43 to 50 psi). Tank pressure between 1,0 to 2,0 kgf/cm ² (14 to 28 psi).
	AirLess Spray Gun	Dilute up to 15% (vol.) with recommended thinner. Use nozzles between 19 to 23 and pump pressure between 140 to 175 kgf/cm ² (2000 to 2500 psi).



SURFACE PREPARATION	Direct over carbon steel	The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants. Standard treatment recommended: Sa 2 ½ ISO 8501-1. In cases of paint on surfaces covered with shop primer, the ISO St3 is the minimum recommended .
	Recommended Primers	It can be used as a primer or applied on shop primer (Rezinc EPD 597/ Rezinc SSD 594). Other primers, Consult our Technical Department.
	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, cleaning, with 220 sandpaper to shine break.
	Recommended TopCoat	Not Applicable

SHELF LIFE	12 months
UN NUMBER	1263
HAZARD NUMBER	Not applicable

- 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 and viscosity values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones.
 3. Low temperatures increase the curing time. For temperatures below 10 ° C below, contact our Technical Department.
 4. The pot life decreases with increasing temperature and catalyzed volume.
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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).
