

Revran PWT 870 uses specially selected raw materials, showing high solids, low content of volatile organic compounds (low VOC) and surface tolerant to areas emerged. Mix ratio by volume of 1: 1, to facilitate preparation of the fractional amount of paint bucket. Can be used for contact with potable water with TECPAR approval report.

TECHNICAL CHARACTERISTICS

TYPE

Primer/ Finish, special epoxy cured with polyamide resin, high anti-corrosion performance. Two pack system.

USAGE

Recommended for for internal tanks, high thickness, on metal structures and concrete, internal ballast tanks, potable water and dry cargo holds. Can be applied to living works, dead works and superstructure as a primer.

TECHNICAL INFORMATIONS

COLOR	White	Other colors, please consult.	
FINISH	Satin		
VOLUME SOLIDS	80% ± 2	According to ISO 3233	
WEIGHT PER LITER	1,550 ± 0,05 g/ml	According to ASTM D 1475	
FLASH POINT	30°C		
VOC	140 g/l		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	1,0
	Comp. B	93,0	1,0
POT LIFE (25°C)	4 h		
INDUCTION TIME	15 - 30 min		
THEORETICAL SPREADING RATE	6,4 m ² /l - 125 µm		
WET THICKNESS	156 µm		
DRY THICKNESS	125 µm		
DRYING TIME, for 125 µm		25°C	
		Minimum	Maximum
	Touch		3 h
	Handle		6 h
	Recoat	8 h	
ENVIROMENTAL CONDITIONS	Temperature	Should be between 0 to 40°C.	
	Relative Humidity	Between 30 to 85%	
	Dew Point	Surface temperature is at least 3°C above dew point	
	Thinner	420.0000	
APPLICATION	Brush/ Roller	Dilute up to 5% (vol.) with recommended thinner. This method must be used only for retouch and backing of welding cords and corners.	
	Conventional Spray Gun	Dilute up to 15% (vol.) with recommended thinner. Conventional DeVilbiss JGA 502 EX 67 spray gun or similar. Spray pressure between 2,5 to 3,0 kgf/cm ² (35 to 43 psi). Tank pressure between 1,5 to 2,5 kgf/cm ² (21 to 35 psi).	
	AirLess Spray Gun	Dilute up to 5% (vol.) with recommended thinner. Use nozzles between 23 to 29 and pump pressure between 175 to 210 kgf/cm ² (2500 to 3000 psi).	



SURFACE PREPARATION	Carbon steel	Blast cleaning ISO 8501-1 Sa 2 ½ recommended. The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants and coated with a suitable primer. In case of new concrete, use muriatic acid 10% solution to neutralize it, subsequently, rinse with water in abundance, wait to dry and apply. Standard treatment recommended for areas emerged: St 3 (minimum) if the surface is with degree of corrosion C, according to ISO 8501-1 or blasting sa 2½. To work immersion proceed blasting to Sa 3. Accepts St 3 treatment (minimum) to minor repairs and maintenance.
	Recommended Primers	Not applicable
	Recommended TopCoat	Rethane FMP and Rethane FBR 640.

SHELF LIFE	12 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 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. Product no epoxy curing at temperatures below 10 ° C, so it must have a minimum curing temperature of 12 ° C.
 4. The pot life decreases with increasing temperature and increasing the volume catalyzed.
 5. For potable water tanks, follow the guidelines for internal painting tanks. Ask our technical department.
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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).
