



Revran PWT 870 uses specially selected raw materials, showing high performance anticorrosive and Surface Tolerant to areas emerged. It is an ecological product, high thickness, high solids and low content of volatile organic compounds (low VOC).

TECHNICAL CHARACTERISTICS

TYPE

Primer/ Topcoat, epoxy resin cured with polyamide. Two pack system.

USAGE

Recommended for internal and external pipes, dry cargo holds and water tanks.

TECHNICAL INFORMATIONS

COLOR	Black	Other colors, please consult.	
FINISH	Satin		
VOLUME SOLIDS	80% ± 2	According to ISO 3233	
WEIGHT PER LITER	1,700 ± 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	95,0	1,0
POT LIFE (25°C)	4 h		
INDUCTION TIME	15 - 30 min		
THEORETICAL SPREADING RATE	5,33 m ² /l - 150 µm		
WET THICKNESS	188 µm		
DRY THICKNESS	150 µm		
DRYING TIME, for 150 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	Maximum 85%
	Dew Point	Surface temperature is at least 3°C above dew point
	Thinner	If necessary, use 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	Dilute up to 5% (vol.) with recommended thinner. Need more coats to achieve the desired thickness. 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 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 42 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

Concreto	The surface should be free of any contamination such as salt, oil, grease, fat, dust, etc. In the case of new concrete, use muriatic acid 10% solution to neutralize it. Afterwards, rinse with plenty of water; wait total drying and apply. If old concrete, it is advisable technical inspection.
Carbon steel	The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants. Wash it off with fresh water, detergents and solvents.
Recommended Primers	Can be used directly as a sealer. If necessary, dilute with 10% by volume 420.0000.
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	Rethane FLV 653, recommended for areas emerged.

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. The pot life decreases with increasing temperature and increasing the volume catalyzed.
4. Low temperatures increase the curing time. For temperatures below 10 ° C, consult our Technical Department.
5. For other types of Topcoat, contact our Technical Department.
6. Standard recommended treatment for emerged areas St 3 (min) if the surface is with corrosion degree C, according to ISO 8501-1 or blasting Sa 21/2.
7. Mixing ratio by volume is 1: 1, to facilitate preparation of the paint fractional amount of bucket.
8. For immersion works proceed blasting to Sa 3 according to ISO 8501-1.

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.



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).
