

Revran TF PNA WT 870 uses specially selected raw materials, showing great resistance to abrasion, moisture and sea water, excellent adhesion to steel and high mechanical resistance. High build and high solids primer. Free from coal tar and low VOC class. Used for contact with potable water, has technical report potability.

TECHNICAL CHARACTERISTICS

TYPE

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

USAGE

Recommended for floors, sewage treatment plant, water mains, submerged and buried structures, concrete flooring, piers, piles, off-shore structures, etc. Suitable for columns and coamings. Can also be used for internal and external coating of industrial water tanks and seawater

TECHNICAL INFORMATION

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	35°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	1,0
	Comp. B	112,0	1,0
POT LIFE (25°C)	4 h		
INDUCTION TIME	15 min		
THEORETICAL SPREADING RATE	5,77 m ² /l para 135 µm 1,95 m ² /l para 400 µm		
WET THICKNESS	173 - 512 µm		
DRY THICKNESS	135 - 400 µm		
DRYING TIME, for 135 µm		25°C	

		Minimum	Maximum
	Touch		1 h
	Handle		5 h
	Recoat	5 h	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	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.
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APPLICATION	Roller	Dilute up to 5% (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.
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APPLICATION	Conventional Spray Gun	Dilute up to 5% (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).
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APPLICATION	AirLess Spray Gun	Dilute up to 5% (vol.) with recommended thinner. Use nozzles between 19 to 25 and pump pressure between 140 to 175 kgf/cm ² (2000 to 2500 psi).
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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. Wash it off with fresh water, detergents and solvents. Standard treatment recommended: Sa 2 ½ and St 3 to minor repairs, according to ISO 8501-1. IMPORTANT: For applications in drinking water reservoir observe Recommendation 10.
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Recommended Primers	Not Applicable
Coated Surfaces	Not Applicable
Recommended TopCoat	Consult our Technical Department.

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. The pot life decreases with increasing temperature and catalyzed volume.
 4. The adhesion system is corresponding to the painted surface treatment was submitted.
 5. Low temperatures increase the curing time. For temperatures below 10 ° C below, see our Technical Department.
 6. The application roller needs larger number of coats to achieve the thickness desired and uniform coverage.
 7. Can be change of color and/or staining in the film when exposed to UV radiation, immersion and/or contact with water. These characteristics do not change their anti-corrosive performance.
 8. To access the potability Technical Report, please contact our Technical Department.
 9. If the recoating interval is exceeded, proceed light sanding. For above the established temperatures, repainting interval is reduced.
 10. **ATTENTION:** The painting in tanks (internal) or Drinking Water Reservoirs (New Construction or Maintenance) is imperative to follow the guidelines outlined in Procedure Renner Internal painting tanks - available on our website (www.rennercoatings.com), or consult our Technical Department. We recommend prior consultation with our Technical Department before starting the painting services.
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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).
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