



Revran DST PLUS FAST CURE 870 uses specially selected raw materials, showing high build, quick drying, long recoating interval and excellent adhesion with good mechanical resistance. It has great penetrating power being applied on substrates treated mechanically. Great anticorrosive performance by having the anticorrosive pigment zinc phosphate. Ecological product, high solids and low VOC.

TECHNICAL CHARACTERISTICS

TYPE

Epoxy primer/ topcoat. Two pack system.

USAGE

In carbon steel substrate. Especially suitable for metal structures in general, providing protection to steel.

TECHNICAL INFORMATION

COLOR	White	Colorless version: 997.0004	
FINISH	Satin		
VOLUME SOLIDS	82,2% ± 2	According to NBR 8621 (modified)	
WEIGHT PER LITER	1,500 ± 0,05 g/ml	According to ASTM D 1475	
VOC	180 g / l		
FLASH POINT	35°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	1,0
	Comp. B	84,0	1,0
POT LIFE (25°C)	2 h		
INDUCTION TIME	15 min		
THEORETICAL SPREADING RATE	6,8 m ² /l - 120 µm 2,0 m ² /l - 400 µm		
WET THICKNESS	146 µm - 487 µm		
DRY THICKNESS	120 µm - 400 µm		
DRYING TIME, for 120 µm		25°C	
		Epoxy Systems Paint system one pack systems	
		Minimum	Maximum
	Touch		1 h
	Handle		3 h
	Recoat	3 h	3 h 72 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	This method must be used only for retouch and backing of welding cords and corners.	
	Roller	Dilute up to 10% (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.	
	Conventional Spray Gun	Dilute up to 10% (vol.) with recommended thinner. Conventional DeVilbiss JGA 502 EX 67 spray gun or similar. Spray pressure between 3,0 to 4,0 kgf/cm ² (42 to 56 psi). Tank pressure between 1,5 to 2,5 kgf/cm ² (21 to 35 psi).	
	AirLess Spray Gun	Dilute up to 10% (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

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 : St3 (minimum) if the surface is with degree of corrosion C, according to ISO 8501-1. If the steel present mill scale, proceed blasting to Sa 2½ according to ISO 8501-1.
Recommended Primer	Not applicable
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 (220) to break the gloss.
Recommended TopCoat	Rethane DHG 652, Rethane FBR 640. Others topcoats, please contact our Technical Department.

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, viscosity and drying 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. Low temperatures increase curing time. For temperatures below 10°C, contact our Consultants.
5. If the overcoating interval is exceeded, carry light sanding. For temperatures above the established repainting the range will be reduced.
6. When making the epoxy and polyurethane systems recoat, where the film is in the calcination process, proceed pellicle cleaning with high pressure water and, if necessary, sanding or mechanical treatment.

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).
