

Revran DST PLUS LIGHT 870 uses specially selected raw materials, showing great anticorrosive performance by having the anticorrosive pigment zinc phosphate. Dual function and can be applied as a primer and topcoat simultaneously. 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 INFORMATIONS

COLOR	White and gray.	Colorless version: 997.0004	
FINISH	Satin		
VOLUME SOLIDS	72% ± 3	According to NBR 8621 (modified)	
WEIGHT PER LITER	1,500 ± 0,05 g/ml	According to ASTM D 1475	
VOC	270 g / l		
FLASH POINT	35°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	1,0
	Comp. B	97,0	1,0
POT LIFE (25°C)	90 min		
INDUCTION TIME	15 min		
THEORETICAL SPREADING RATE	9,0 m ² /l - 80 µm 6,0 m ² /l - 120 µm		
WET THICKNESS	111 µm - 166 µm		
DRY THICKNESS	80 µm - 120 µm		

DRYING TIME, for 80 µm	25°C			
	Epoxy Systems		Paint system one pack systems	
	Minimum	Maximum	Minimum	Maximum
Touch		45 min		
Handle		3 h		
Recoat	4h		4 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

Brush	This method must be used only for retouch and backing of welding cords and corners.
Roller	Need more coats to achieve the desired thickness and uniform coverage. 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 10% (vol.) with recommended thinner. Conventional DeVilbiss JGA 502 EX 67 spray gun or similar. Spray pressure between 2,5 to 4,0 kgf/cm ² (35 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 21 to 27 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. 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. Other topcoats, please contact our Technical Department.

SHELF LIFE	12 months
UN NUMBER	1263
HAZARD NUMBER	33

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- 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. Low temperatures increase curing time. For temperatures below 10°C, contact our Consultants.
 4. If the overcoating interval is exceeded, carry light sanding. For temperatures above the established repainting the range will be reduced.
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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).
