



Rezinc PEZ 870 ESP uses specially selected raw materials, showing cathodic protection to the substrate. The application of the high build with spray gun finish dispenses **tie coat** or **mist coat** on the **primer**. Rezinc PEZ 870 ESP consists of painting system approved to ISO 12944.

TECHNICAL CHARACTERISTICS

TYPE

Primer zinc rich epoxy resin, two pack system.

USAGE

Recommended for use on carbon steel, structures and metal equipments that require high-performance protection, such as Cranes, Gates, Porches and Industrial Buildings.

TECHNICAL INFORMATIONS

COLOR	Gray		
FINISH	Matt		
VOLUME SOLIDS	60% ± 3	According to ISO 3233	
WEIGHT PER LITER	2,100 ± 0,05 g/ml	According to ASTM D 1475	
FLASH POINT	32°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	8,0
	Comp. B	5,0	1,0
POT LIFE (25°C)	5 h		
THEORETICAL SPREADING RATE	8,57 m ² /l - 70 µm 6,67 m ² /l - 90 µm		
WET THICKNESS	117 µm - 150 µm		
DRY THICKNESS	70 µm - 90 µm		
DRYING TIME, for 70 µm		25°C	
		Minimum	Maximum
	Touch		1 h
	Handle		4 h
	Recoat	1 h	(see recommendation 5)
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	Roller/ Brush	This method must be used only for retouch and backing of welding cords and corners.	
	Conventional Spray Gun	Dilute up to 10% (vol.) with recommended thinner. Conventional DeVilbissJGA 502 FX 67 spray gun or similar. Spray pressure between 2,8 to 3,5 kgf/cm ² (35 to 43 psi). Tank pressure between 0,7 to 1,4 kgf/cm ² (7 to 21 psi). Use pressure tank with stirrer.	
	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 (2000 to 2500 psi).	



SURFACE PREPARATION	Carbon steel	The surface must be dry , free from salt, oil, grease, dust and other contaminants. Recommended treatment standards ISO 8501-1, blast cleaning Sa 2 ½.
	Recommended Primers	Not applicable
	Coated Surface	Not applicable
	Recommended TopCoat	Not applicable

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.
 4. Low temperatures increase the curing time, to temperatures below 10 ° C, please contact our technical department.
 5. The surface must be dry, free of contaminants, and be with the integrity of the film in perfect condition.
 6. Zinc is abrasive. If the user wants to have a long-lasting spray gun and a better final application, it is recommendable to use a DeVilbiss JGA 5023 EE 67 spray gun (tungsten carbide) or similar.
 7. Applications finish with roller should be on tie coat or mist coat.
 8. While there are over spray the diluent 870.1477 may be used.
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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).
