



Rezinc WBC 522 uses specially selected raw materials, showing cathodic protection, in addition to protection barrier. Tolerates flash rusting and residual moisture in the substrate and promote a quick set up, if compared with conventional zinc based coatings.

TECHNICAL CHARACTERISTICS

TYPE

Epoxy primer, pigmented with zinc powder and aluminum, two pack system.

USAGE

Recommended for surfaces treated with wet blasting and with mechanical cleaning. Suitable for marine platforms, vessels, gates, piers piles, chemical (industrial salt) and other equipment exposed to salt spray or other adverse conditions. Also can be used in areas where the galvanized zinc layer is worn, with early red rust.

TECHNICAL INFORMATIONS

COLOR	Gray		
FINISH	Matt		
VOLUME SOLIDS	75% ± 2	According to ISO 3233	
WEIGHT PER LITER	2,300 ± 0,05 g/ml	According to ASTM D 1475	
FLASH POINT	24°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	7,6
	Comp. B	5,0	1,0
POT LIFE (25°C)	5 h		
INDUCTION TIME	15 to 30 min		
THEORETICAL SPREADING RATE	15,0 m ² /l - 50 µm		
	5,0 m ² /l - 150 µm		
WET THICKNESS	67 to 200 µm		
DRY THICKNESS	50 to 150 µm		
DRYING TIME, for 50 µm		25°C	

		Minimum	Maximum
	Touch		1 h
	Handle		2 h
	Recoat	6 h	30 days

ENVIROMENTAL CONDITIONS	Temperature	Should be between 0 to 40°C. At temperatures below 10°C, add 0.7 % by volume of the curing agent 870.0576.
	Relative Humidity	Between 30 to 85%
	Dew Point	Surface temperature is at least 3°C above dew point
	Thinner	420.0001

Brush It is not necessary dilution. 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 2,5 to 3,0 kgf/cm² (35 to 43 psi). Tank pressure between 2,0 to 3,0 kgf/cm² (28 to 43 psi). Use pressure tank with stirrer.

AirLess Spray Gun Dilute up to 10% (vol.) with recommended thinner. Use nozzles between 21 to 29 and pump pressure between 175 to 210 kgf/cm² (2500 to 3000 psi).



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. Recommended treatment standards : ISO 8501-1 : St 3 (minimum) for small areas and low-aggression environments , Sa 2½ or applicable on surfaces treated with hydroblasting SSPC-VIS 4 / NACE VIS 7 WJ2, being tolerant to oxidation and the residual moisture in the substrate.
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SURFACE PREPARATION	
Over aged galvanized steel or welding cords	Mechanically treating at least degree of cleanliness equivalent to SSPC SP-11 (mechanical cleaning to bare metal) or mechanical treatment St3 (ISO 8501-1), ensuring in both cases a minimum roughness profile of 25 micrometers. Interface areas with intact galvanized should be beveled with own mechanical treatment. We do not recommend rotating brush.
Recommended Primers	Not applicable
Recommended TopCoat	Not applicable

SHELF LIFE	6 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. Low temperatures increase the curing time. At temperatures below 10°C, please contact our technical department.
 4. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
 5. Important: Add the curing agent in component B and mix. After that, mixing the components A and B in a mechanical shaker for 5 minutes. Products for immersion is NOT recommended additives. The pot life is reduced with additives.
 6. Zinc is an abrasive material. If you want a larger conservation pistol and final quality of the application, use DeVilbiss JGA 5023 EE 67 (tungsten carbide) or similar.
 7. Allows application to initial oxidation as degree M of Standard SSPC-VIA 4/NACE VIS 7
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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.

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).
