



Revran WBC 524 uses specially selected raw materials, showing excellent anticorrosive properties by having zinc phosphate pigment. Specially formulated for use after wet abrasive blasting, this product is compatible with various types of coatings. The substrate treated with wet abrasive blasting may be protected with corrosion inhibitors prior to painting, for environments where atmospheric zone.

TECHNICAL CHARACTERISTICS

TYPE

Epoxy primer, two pack system.

USAGE

Recommended as coating for equipment, tanks, piping and metal structures in general , requiring treatment surface with wet abrasive blasting.

TECHNICAL INFORMATIONS

COLOR	Red Oxide	Other colors, please consult.	
FINISH	Matt		
VOLUME SOLIDS	45% ± 2	According to ISO 3233	
WEIGHT PER LITER	1,450 ± 0,05 g/ml	According to ASTM D 1475	
FLASH POINT	40°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	4,0
	Comp. B	13,7	1,0
POT LIFE (25°C)	8 h (2h at 35°C)		
INDUCTION TIME	15 to 30 min		
THEORETICAL SPREADING RATE	9,0 m ² /l - 50 µm		
WET THICKNESS	111 µm		
DRY THICKNESS	50 µm		
DRYING TIME, for 50 µm	25°C		

		Minimum	Maximum
	Touch		1 h
	Handle		4 h
	Recoat	16 h	30 days

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	420.0001

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 15% (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.
---------------	--

APPLICATION	Dilute up to 15% (vol.) with recommended thinner. Conventional DeVilbiss JGA 502 FX 704 spray gun or similar. Spray pressure between 2,5 to 3,0 kgf/cm ² (35 to 43 psi). Tank pressure between 0,5 to 1,5 kgf/cm ² (7 to 21 psi).
--------------------	---

AirLess Spray Gun	Dilute up to 15% (vol.) with recommended thinner. Use nozzles between 23 to 29 and pump pressure between 175 to 210 kgf/cm ² (2500 to 3000 psi).
--------------------------	---



Direct over metallic surface Accepts wet blasting with or without inhibitor , ISO 8501-1 Sa 2 ½ (minimum) and can be applied on blasted surface with moisture stains and flash rusting .The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants.

SURFACE PREPARATION

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 Primers 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. There should be no accumulation of water on the substrate, and only acceptable residual moisture.
 4. Low temperatures increase the curing time. At temperatures below 10°C, please contact our technical department.
 5. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
-

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).
