



Revran POX 528 uses specially selected raw materials, showing excellent anti rust performance, high build. This is an ecological product, high solids, low content of volatile organic compounds (low VOC). Furthermore it is tar free and pigmented with zinc phosphate and iron oxide.

TECHNICAL CHARACTERISTICS

TYPE

Epoxy matic primer / intermediate, surface tolerant, two pack system.

USAGE

Recommended for carbon steel substrate in large industrial structures, offshore, external cladding of stationary tanks, pipes, various industrial equipment, dry cargo holds, deck, hatch covers, coamings and false internal edge. It can also be applied as a primer on the superstructure.

TECHNICAL INFORMATIONS

COLOR	Red Oxide			
FINISH	Matt			
VOLUME SOLIDS	80% ± 2	According to ISO 3233		
WEIGHT PER LITER	1,600 ± 0,05 g/ml	According to ASTM D 1475		
FLASH POINT	30°C			
VOC	180 g/l			
MIXING RATIO		Weight	Volume	
	Comp. A	100,0	1,0	
	Comp. B	81,0	1,0	
POT LIFE (25°C)	4 h			
INDUCTION TIME	15 a 30 min			
THEORETICAL SPREADING RATE	6,4 m ² /l - 125 µm 4,0 m ² /l - 200 µm			
WET THICKNESS	156 µm to 250 µm			
DRY THICKNESS	125 µm to 200 µm			

DRYING TIME, for 125 µm	25°C	Revran POX 528		One pack systems		Epoxy / Polyurethane systems	
		Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
Touch			2 h				
Handle			6 h				
Recoat		8 h	24 h	14 h	72 h	14 h	

ENVIROMENTAL CONDITIONS	Temperature	Should be between 10 to 40°C
	Relative Humidity	Between 30 to 85%
	Dew Point	Surface temperature is at least 3°C above dew point
	Thinner	420.0000 / 487.0000

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.

APPLICATION

Conventional Spray Gun	Dilute up to 15% (vol.) with recommended thinner. Conventional DeVilbiss JGA 502 EX 67 spray gun or similar. Spray pressure between 2,5 to 3,0 kgf/cm ² (35 to 43 psi). Tank pressure between 1,5 to 2,5 kgf/cm ² (21 a 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 from salt, oil, grease, dust, grease and other contaminants. Wash it off with fresh water, detergents and solvents. Recommended St 3 treatment standard (minimum) if the surface is level with corrosion B, ISO 8501 - 1. If the steel presents mill scale, proceed blasting to grade Sa 2½ according to ISO 8501-01.
Recommended Primers	Rethane FMP 646 and Rethane FBR 640. Others topcoats, please contact our technical department.
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. 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. If the recoat interval is exceeded, carry light sanding. For temperatures above the established the recoat interval will be reduced.

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).