

TDS 01603

REVIEW: 01/2015

Standards: Petrobrás N-2628 A

Revran TRI 629

Component A: 629.0900

Component B: 829.0800

Component C: 320.0600



Revran TRI 629 uses specially selected raw materials, showing high resistance to moisture and sea water. Furthermore, it is a high coating thickness and low organic solvent content (low VOC).

TECHNICAL CHARACTERISTICS**TYPE**

Polyamine-cured epoxy topcoat, pigmented with aluminum, three pack system.

USAGE

Recommended for metal structures, industrial equipment, marine and offshore. Suitable for tanks and pipes (outer covering).

TECHNICAL INFORMATION

COLOR	Aluminum		
FINISH	Semiglossy		
VOLUME SOLIDS	72% ± 2	According to ISO 3233	
WEIGHT PER LITER	1,280 ± 0,05 g/ml	According to ASTM D 1475	
FLASH POINT	32°C		
VOC	262 g/l		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	2,2
	Comp. B	28,0	0,8
	Comp. C	30,0	0,6
POT LIFE (25°C)	2 h		
INDUCTION TIME	5 to 15 min		
THEORETICAL SPREADING RATE	3,6 m ² /l - 200 µm 7,2 m ² /l - 100 µm		
WET THICKNESS	139 µm to 278 µm		
DRY THICKNESS	100 µm to 200 µm		
DRYING TIME, for 100 µm		25°C	
		Minimum	Maximum
	Touch		4 h
	Hard		16 h
	Recoat	16 h	48 h
ENVIRONMENTAL CONDITIONS	Temperature	Should be between 5 to 52°C	
	Relative Humidity	Between 30 to 85%	
	Dew Point	Surface temperature is at least 3°C above dew point	
	Thinner	420.0000	
APPLICATION	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 3,0 to 4,0 kgf/cm ² (42 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 29 and pump pressure between 140 to 175 kgf/cm ² (2000 to 2500 psi).	

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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.
	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	Revrans PHZ 528. Others primers, 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. Pot life is shortened by higher temperature, and by the increase of catalyzed volume.
4. Low temperatures increase the curing time. At temperatures below 10°C, please contact our technical department.
5. Important : mix the three components in mechanical stirrer.
6. The application roller needs larger number of coats to achieve the desired thickness and uniformity in coverage.
7. If the overcoating interval is exceeded, carry light sanding. For temperatures above the established the recot 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.
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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).
