

Rekomar ERI 870 uses specially selected raw materials, showing good features as stability and resistance to weathering. Also, is easy to apply and great drying. The product is completely free of red lead.

TECHNICAL CHARACTERISTICS

TYPE

Paint dual function, modified alkyd resin, pigmented with anticorrosive. One component.

USAGE

In carbon steel substrates, superstructures (interior and exterior), deck, side, hatchway lids, coamings, piping, industrial structures and accessories (exterior coating) metal structures in general and low chemical aggressiveness environments.

TECHNICAL INFORMATIONS

COLOR	Black	Other colors, please consult.
FINISH	Satin	
VOLUME SOLIDS	52% ± 2	According to ISO 3233
WEIGHT PER LITER	1,300 ± 0,05 g/ml	According to ASTM D 1475
FLASH POINT	32°C	
THEORETICAL SPREADING RATE	14,8 m ² /l - 35 µm	
WET THICKNESS	67µm	
DRY THICKNESS	35 µm	
DRYING TIME, for 35 µm		25°C

	Minimum	Maximum
Touch		20 min
Handle		2h
Recoat	6h	

ENVIRONMENTAL CONDITIONS	Temperature	Should be between 0 to 40°C. At temperatures below 10 °C, add 0.8% by volume of a drying accelerator 870.1683.
	Relative Humidity	Between 30 to 85%
	Dew Point	Surface temperature is at least 3°C above dew point
	Thinner	487.0000

Brush It is not necessary dilution. This method must be used only for retouch and backing of welding cords and corners.

Immersion Adjust the viscosity if necessary with the recommended reducer.

APPLICATION

Conventional Spray Gun Dilute up to 10% (vol.) with recommended thinner. Conventional DeVilbiss JGA 503 FX 704 spray gun or similar. Spray pressure between 2,5 to 3,5 kgf/cm² (35 to 50 psi). Tank pressure between 0,5 to 1,5 kgf/cm² (7 to 21 psi).

AirLess Spray Gun Dilute up to 10% (vol.) with recommended thinner. Use nozzles between 21 to 27 and pump pressure between 140 to 175 kgf/cm² (2000 to 2500 psi).



	Direct over carbon steel	Blast cleaning ISO 8501-1 Sa 2 ½ recommended. The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants.
SURFACE PREPARATION	Recommended Primers	Not applicable
	Coated Surfaces	The surface must be clean and free of contaminants as oils, fat, grease and dust. Must not present peeling's areas. Blast cleaning ISO 8501-1 Sa 2 ½ recommended.
	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 and viscosity 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. Alkyd paints resin dries by oxidation of the film in contact with oxygen in the air. Therefore, thicknesses and recoat out of this TDS specified interval and temperatures above or below 25°C changes the drying characteristics of the product, and may cause failures in the film and reduce its performance.
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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).

TDS E-064
REVIEW: 01/2015

Rekomar ERI 870
Component A: 870.0641
Component B: Not applicable

