

TDS E-239

REVIEW: 01/2015

Standad: 23/DPC

Supermarine AF LCL 870

Component A: 870.1720 (Blue), 870.1811 (Black),

870.1817 (Red) e 870.2022 (Brown).

Component B: Not Aplicable



Supermarine AF LCL 870 uses specially selected raw materials, showing which confer excellent protection against fouling, due to smoothing / erosion of the paint film. Product antifouling, tin free, based on organometallic polymers, self-polishing with a low content of cuprous oxide.

TECHNICAL CHARACTERISTICS**TYPE**

Antifouling, based on organometallic polymers. One component.

USAGE

Background paintings vertical boring and vertical vessels, recreational boats and suitable for inâmicas conditions.

TECHNICAL INFORMATION

COLOR	Red, Blue, Brown and Black	Other colors, please consult.
FINISH	Satin	
VOLUME SOLIDS	50% ± 3	According to ISO 3233
WEIGHT PER LITER	1,680 ± 0,05 g/ml	According to ASTM D 1475
FLASH POINT	24°C	
THEORETICAL SPREADING RATE	6,25 m ² /l - 80 µm	
	3,33 m ² /l - 150 µm	
WET THICKNESS	160 µm - 300 µm	
DRY THICKNESS	80 µm - 150 µm	
DRYING TIME, for 80 µm	25°C	
		Minimum Maximum
	Touch	2 h
	Hard	4 h
	Recoat	10 h
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	499.0000/ 483.0000
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.
	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).



Over appropriate primer	The surface must be dry, free from salt, oil, grease, dust, grease and other contaminants.
Recommended Primers	Consult our Technical Department.
Recommended TopCoat	Not applicable

SHELF LIFE 6 months

UN NUMBER 1263

HAZARD NUMBER 33

IMPORTANT RECOMMENDATIONS

1. The erosion rate depends on the temperature of the sea water, the ship's speed, of operating regions, etc.
 2. Not throw used packaging, roller, brushes or other equipment at sea.
 3. Minimum interval to play in the water (flooding) after the last coat of AF is 10 hours and the maximum is 10 days.
 4. 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.
 5. 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.
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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).
