

TDS 0101

Standards: PETROBRAS N-1197 D

REVIEW: 01/2015

Rekokril FSB 683

Component A: 683.9100

Component B: Not applicable



Rekokril FSB 683 uses specially selected raw materials, showing excellent resistance to weathering in non corrosive environments. Also, this product presents high color and gloss retention and it's easy to apply.

TECHNICAL CHARACTERISTICS**TYPE**

One component acrylic topcoat.

USAGE

Exterior of tanks, piping, industrial equipment, superstructures (interior and exterior), broadside and metal structures in general.

TECHNICAL INFORMATIONS

COLOR	White	Other colors, please consult.
FINISH	Semiglossy	
VOLUME SOLIDS	32% ± 2	According to ISO 3233
WEIGHT PER LITER	1,100 ± 0,05 g/ml	According to ASTM D 1475
FLASH POINT	38°C	
THEORETICAL SPREADING RATE	10,6 m ² /l - 30µm	
WET THICKNESS	94 µm	
DRY THICKNESS	30 µm	
DRYING TIME, for 30 µm		25°C

		Minimum	Maximum
	Touch		1h
	Handle		8h
	Hard		8h
	Recoat	8h	conventional spray gun application
	Recoat	16h	roller application
ENVIROMENTAL CONDITIONS	Temperature	Should be between 2 to 52°C	
	Relative Humidity	Between 30 to 85%	
	Dew Point	Surface temperature is at least 3°C above dew point	
	Thinner	499.0000	

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 FX 704 spray gun or similar. Spray pressure between 3,0 to 4,0 kgf/cm ² (40 to 60 psi). Tank pressure between 0,75 to 1,0 kgf/cm ² (10 to 15 psi).
	AirLess Spray Gun	Dilute up to 10% (vol.) with recommended thinner. Use nozzles between 19 to 25 and pump pressure between 140 to 175 kgf/cm ² (2000 to 2500 psi).

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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.
Recommended Primers	Rekomox PHB 515 (515.0848), Revran TLS 520 (520.0495) and Oxibar DHB 535 (535.0921). Please consult the TDS from each product to verify surface preparation, application and recoat times.
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. When applied over high solids epoxy paints, proceed sanding before acrylic paint (Rekokril) application. 48 hours maximum recoat interval after epoxy paint application.
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.

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).
