

Revran HBE 725 IMP uses specially selected raw materials, showing excellent chemical and mechanical resistance. Product with good resistance to moisture, sea water, fresh water and industrial. Furthermore it is used to make high performance systems consisting of pigment free of heavy metals.

## TECHNICAL CHARACTERISTICS

### TYPE

Polyamide-cured epoxy primer / intermediate, tar free, two pack system.

### USAGE

Recommended for metalstructures, industrial equipment, tanks and pipes (outer covering), cranes, overhead cranes and port facilities.

## TECHNICAL INFORMATIONS

<b>COLOR</b>	White	Other colors, please consult.	
<b>FINISH</b>	Matt		
<b>VOLUME SOLIDS</b>	60% ± 2	According to ISO 3233	
<b>WEIGHT PER LITER</b>	1,330 ± 0,05 g/ml	According to ASTM D 1475	
<b>FLASH POINT</b>	32°C		
<b>MIXING RATIO</b>		Weight	Volume
	<b>Comp. A</b>	100,0	4,0
	<b>Comp. B</b>	15,6	1,0
<b>POT LIFE (25°C)</b>	4 h		
<b>INDUCTION TIME</b>	15 to 30 min		
<b>THEORETICAL SPREADING RATE</b>	4,8 m <sup>2</sup> /l - 125 µm		
<b>WET THICKNESS</b>	209 µm		
<b>DRY THICKNESS</b>	125 µm		
<b>DRYING TIME, for 125 µm</b>		25°C	
		Minimum	Maximum
	<b>Touch</b>		2 h
	<b>Handle</b>		10 h
	<b>Recoat</b>	12 h	72 h
<b>ENVIROMENTAL CONDITIONS</b>	<b>Temperature</b>	Should be between 10 to 40°C	
	<b>Relative Humidity</b>	Between 30 to 85%	
	<b>Dew Point</b>	Surface temperature is at least 3°C above dew point	
	<b>Thinner</b>	420.0000	
<b>APPLICATION</b>	<b>Brush</b>	It is not necessary dilution. This method must be used only for retouch and backing of welding cords and corners.	
	<b>Roller</b>	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.	
	<b>AirLess Spray Gun</b>	Dilute up to 10% (vol.) with recommended thinner. Use nozzles between 23 to 29 and pump pressure between 175 to 210 kgf/cm <sup>2</sup> (2500 to 3000 psi).	



<b>SURFACE PREPARATION</b>	<b>Direct over metal surface</b>	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.
	<b>Coated Surfaces</b>	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.
	<b>Recommended Primers</b>	Not applicable
	<b>Recommended TopCoat</b>	Rethane ORG 650, Rethane FHB 658. Others topcoats, please contact our technical department.

**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.

#### 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

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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).

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