

Epoxy Primer AG uses in its composition specially selected raw materials, has excellent chemical resistance, physical and moisture, in addition to rapid drying in an oven or at room temperature. Primer developed for wet-on-wet paint finish. Easy preparation and application.

#### TECHNICAL CHARACTERISTICS

##### TYPE

Product bicomponent based on epoxy resin.

##### USAGE

Suitable for corrosion protection or adhesion promoter for aluminum surfaces, carbon steel, stainless steel, galvanized steel and fiberglass. It can be applied on painted surfaces, where the film is in good condition. Acts as excellent converter systems.

#### TECHNICAL INFORMATIONS

<b>COLOR</b>	Gray	Other colors, please consult.	
<b>FINISH</b>	Frosted		
<b>VOLUME SOLIDS</b>	50% ± 2	According to ISO 3233	
<b>WEIGHT PER LITER</b>	1,30 ± 0,05 g/ml	According to ASTM D 1475	
<b>THEORETICAL SPREADING RATE</b>	14,0 m <sup>2</sup> /l for 35 µm		
<b>WET THICKNESS</b>	30 - 40 µm		
<b>MIXING RATIO</b>	<b>Component A</b>	<b>Weight</b> 100	<b>Volume</b> 3
	<b>Component B</b>	27	1
<b>POT LIFE (25°C)</b>	8 h		
<b>DRYING TIME, for 35 µm</b>		25°C	60°C
		Minimum	Maximum
	<b>Touch</b>	5 min	5 min
	<b>Handle</b>	30 min	-
	<b>Compleat</b>	72H	30 min
	<b>Recoat</b>	30 min	30 min
<b>ENVIROMENTAL CONDITIONS</b>	<b>Temperature</b>	Should be between 0 to 40°C.	
	<b>Relative Humidity</b>	Between 30 to 85%	
	<b>Thinner</b>	RHR465	
<b>APPLICATION</b>	<b>Conventional Spray Gun</b>	Conventional DeVilbiss JGA 503 FX 704 spray gun or similar.	
		Spray pressure between 3,0 to 4,0 kgf/cm <sup>2</sup> (40 to 60 psi). Tank pressure between 5 to 15 kgf/cm <sup>2</sup> .	
	<b>Aplication viscosity CF4</b>	20 a 25 seconds	
	<b>Number of coats</b>	1	
	<b>Interval between coats</b>	NA	



<b>SURFACE PREPARATION</b>	<b>Carbon Steel</b>	Use dry sanding with sandpaper # 220.
	<b>Galvanized steel</b>	Use dry sanding with sandpaper # 220 or mild abrasive jet (brush off).
	<b>Aluminum</b>	Not nessecita sanding. Only degrease.
	<b>Inox Steel</b>	Use dry sanding with sandpaper # 220 or mild abrasive jet (brush off).
	<b>Fiberglass</b>	Use solvent RHR457 cleaning after use sanding dry with sandpaper # 220 and again clean with RHR457 cleaning solvent.

**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.

#### 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.

#### 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).