

## SELECTION & SPECIFICATION DATA

<b>Description</b>	Polyamide epoxy primer
<b>Features</b>	Fast curing Suitable for both hi-build application by airless gun or aesthetical application by conventional gun Excellent sag resistance properties with its hi-built structure. Fast-drying time for sanding Opportunity to use for multi-purpose use
<b>Color</b>	Red Oxide and Grey
<b>Finish</b>	Satin
<b>Dry Film Thickness</b>	51 - 64 microns (2 - 2.5 mils) per coat 127 - 152 microns (5 - 6 mils) per coat
<b>Solid(s) Content</b>	%65±4
<b>Theoretical Coverage Rates</b>	60 microns DFT, 6,90 m <sup>2</sup> /kg 150 microns DFT, 2,76 m <sup>2</sup> /kg
<b>VOC Value(s)</b>	315±3 g/l (For Grey)
<b>Dry Temp. Resistance</b>	Continuous: 93°C (199°F) Non-Continuous: 121°C (250°F)  *May show discoloration above 65 °C.

## SUBSTRATES & SURFACE PREPARATION

<b>General</b>	Surfaces should be cleaned as per SSPC SP-1 standard to remove all oil, grease, rust, dust, dirt and other chemical contaminants. Mechanical defects like protrusions, weld spatter, delamination and other fabrication defects should be corrected in accordance to ISO 8501-3 by hand and power tools.
<b>Steel</b>	All surfaces should be cleaned to min. Sa 2 surface cleaning standard level.
<b>Galvanized Steel</b>	After roughening (by a sanding paper or power tool), apply Carboline Galoseal or Carboline Rustbond. This product is advised to be applied after Carboline Galoseal or Carboline Rustbond has been sufficiently dried out. (Avoid excessive thicknesses.)

## PERFORMANCE DATA

All test data was generated under laboratory conditions. Field testing results may vary.

Test Method	System	Results
Adhesion (ASTM D4541)	Sa 2½ grade and 40-75 micron surface profile 6mm cold rolled steel panel, 150 µm DFT	21.9 MPa

## MIXING & THINNING

<b>Thinning</b>	After through mixing, Thinner #2 can be used. For air spray use %15-25, for airless spray use %5-10 thinner if needed. For uniform distribution, %5-10 thinner recommended.
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# Multi-Gard 22-7200

## PRODUCT DATA SHEET



### MIXING & THINNING

**Ratio** | Comp. A: 14,7 Liters  
Comp. B: 4 Liters

**Pot Life** | 8 hours (23°C)

### APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

<b>Spray Gun</b>	Can be applied in high thicknesses with 0.015 - 0.017" airless spray tip having 40-80° or gravity or suction type air spray having 1.5 to 1.8 tip size.
<b>Brush</b>	Can be used for small areas or stripe-coating. For uniform desired thickness, use equal pressure strokes at the same direction. May require multiple coats.
<b>Roller</b>	Can be used for small areas or stripe-coating. For uniform desired thickness, use equal pressure strokes at the same direction. May require multiple coats.

### APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	5°C (41°F)	5°C (41°F)	2°C (36°F)	0%
Maximum	35°C (95°F)	35°C (95°F)	35°C (95°F)	80%

**IMPORTANT:** During application, surface temperature should be 3°C above dew point.

### DRYING SCHEDULE

Surface Temp.	Set to Touch	Dry to Touch	Dry Hard
25°C (77°F)	4 Hours	8 Hours	10 Hours

These times are based on the recommended dry film thicknesses. Higher film thickness, insufficient ventilation, high humidity or cooler temperatures will require longer cure times. Film must appear (feel) dry before topcoating. High humidity, high film thickness, insufficient ventilation or cooler temperatures will lengthen the Dry to Touch and Dry to Topcoat times due to slower water evaporation rate.

### PACKAGING, HANDLING & STORAGE

**Shelf Life** | Part A: Min. 12 months @24°C  
Part B: Min. 12 months @24°C

**Shipping Weight (Approximate)** | Comp. A: 27,25 kg  
Comp. B: 4,30 kg

**Storage Temperature & Humidity** | 4°-43°C ambient temperature and % 0-95 relative humidity

**Flash Point (Setaflash)** | Comp.A: 4°C  
Comp.B: 25°C

**Storage** | Store indoor with no direct sunlight coming.



**WARRANTY**

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