

**General Information**

**Description** Plural applied, 99% solids reinforced epoxy for below grade applications on galvanized substrates.

**Generic Type** 100% Solids Immersion Grade Epoxy

**Available Colors** Grey

**Available Kit Sizes**

<b>A</b>	5 gallons	45 gallons
<b>B</b>	5 gallons	45 gallons
<b>Total Kit Volume</b>	10 gallon kit	90 gallon kit

**Compatible Primers** *direct to galvanizing*

**Surface Preparation**

All substrates clean and dry, free of dirt, oils, greases and contaminants

<b>Galvanized Steel</b>	SSPC SP-16 Brush Off Blast with a 1-2 mil profile
<b>Other Substrates</b>	N/A
<b>Repairs, small areas</b>	SSPC SP-11 power tool to bare metal to produce an angular profile

**Shelf Life & Storage**

1 year shelf life parts A and B, Store long term between 35 and 90°F, Recommend heating material to 80-85°F in the 24 hours prior to application

# Ground Armor 9900

## Application Information

### Film Thickness

	minimum	maximum
wet film	20 mils	40 mils
dry film	20 mils	40 mils

### Coverage Rate

1588 ft<sup>2</sup>/gal at 1 mil  
39 ft<sup>2</sup>/gal at 40 mils

### Application Instructions

<b>Plural Airless Spray</b>	Remove all filters from spray system, use Graco XP-70 or equivalent heated plural spray unit with heated hose bundle and in-line static mixer. 0.027-0.033 spray tip. Heat A and B components to between 85 and 110°F and spray at minimum line pressure to achieve fan
<b>Brush and Roll</b>	Thin with K-1070 or K-1034 at up to 10% for stripe coating and small repair areas

**Mix-Ratio** 1:1 by volume A:B

### Pot Life

<b>75°F</b>
15 minutes

### Thinning

Use K-1070 or K-1034 at up to 10% for brush and roll only

### Conditions

All steel temperatures must be ≥5°F above the dewpoint, ambient temperatures ≥50°F

	minimum	maximum
<b>Substrate temperature</b>	50°F	140 °F
<b>Material temperature</b>	90°F	120°F
<b>Humidity</b>	0% RH	95% RH

### Cure

	50°F	75°F	90°F
<b>dry to handle</b>	6 hrs	3 hrs	1.5 hrs
<b>dry to topcoat minimum</b>	4 hrs	2 hrs	1 hr
<b>dry to topcoat maximum</b>	30 days	30 days	30 days
<b>cured for backfill</b>	24 hrs	24 hrs	24 hrs

## Reference

### Physical Properties

HAPS	0
VOC	< 100 g/L
volume solids	99 ± 2%
weight solids	99 ± 2%

### Links

[Safety Data Sheet](#)  
[MortarChem Tech Data](#)  
[Ceramaprime Tech Data](#)