



# ArmorGuard 316

## DESCRIPTION

ArmorGuard is a single package, water reducible, acrylic emulsion pigmented with 316 stainless steel flakes. It is non-flammable, low VOC, and offers high corrosion resistance and long term durability.

## USES

ArmorGuard 316 is a liquid stainless steel coating that can be used as a primer and/or topcoat on properly prepared galvanized steel, tin, aluminum and concrete. It can also be used as a topcoat over primed steel surfaces and most previously painted surfaces.

## APPEARANCE

Low sheen metallic gray with other metallic colors available.

## RECOMMENDED PRIMER

Prime Solution AG50 Red / AG53 Gray.

## PHYSICAL PROPERTIES

WEIGHT PER GALLON	11.7 lbs.
SOLIDS BY WEIGHT	58%
SOLIDS BY VOLUME	44%
RECOMMENDED DFT	2.5 mils Dry Film Thickness

### THEORETICAL COVERAGE.

@ 1 Mil DFT 750 sq. ft. /gallon

### PRACTICAL COVERAGE

255 sq. ft. /gallon

### @ RECOMMENDED DFT

(Assumes 15% material loss)

DRY TIMES @ 70°F - 80° F  
(21°-27°C) AND 50% RH

Tack Free	15-30 minutes
Handle	1/2-1 hour
Recoat	1-2 hours
Fully Cured	7 days (can be accelerated)

DRY HEAT RESISTANCE

350° F

SHELF LIFE

2 years

PACKAGING

Gallon, 5 Gallon and 55 Gallon Drum

## SURFACE PREPARATION

### ALUMINUM AND TIN

NEW surfaces should be washed with BC-4000 Cleaner and rinsed well.

## APPLICATION

Apply only when air and surface temperatures are between 50° F and 100° F and surface temperature is at least 5° F above the dew point.

### THINNING

ROLLER/BRUSH -

Fresh Water Thinning is normally not required. Use 5%-10% if needed.  
(approximately 1/2 pint per gallon)

AIR-ATOMIZED SPRAY -  
HVLP

Fresh Water Use 10%-15% if needed.  
(approximately 1 1/2 pints per gallon).

AIRLESS SPRAY -  
OR AIR ASSISTED AIRLESS

Fresh Water Thinning normally not required, use 5%-10% if needed  
(approximately 1/2 pint per gallon)

CLEANUP

Fresh Water

## EQUIPMENT RECOMMENDATIONS

BRUSH  
ROLLER  
AIR ATOMIZED SPRAY

Use good quality synthetic bristle brush.  
Use good quality synthetic roller cover.  
Follow equipment manufacturer's nozzle and needle selection recommendation for use with heavy latex paint.  
Use .019 to .023 tip at 2000 to 2500 psi.  
Recommended temperature 100° F to 120 F.

AIRLESS SPRAY  
HOT SPRAY

## SAFETY INFORMATION

VOC  
FLASH POINT  
USDA

0.3 lbs per gallon less water, 39 grams per liter less water.  
Non-Flammable  
Authorized by USDA for use in federally inspected meat and poultry plants

## WARNING

Do not take internally. Close containers tightly after use and keep upright. In case of spillage absorb and dispose of in accordance with local applicable regulations.

For specific information refer to the **Material Safety Data Sheet**.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN

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## GUARDIAN INDUSTRIAL COATINGS

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