

STEEL PLUS 316 STAINLESS STEEL EPOXY

10-810A Stainless Steel Gray

DESCRIPTION	3 to 1 mix Stainless Steel Pigmented, extreme performance, Water Base Epoxy (see page 3 for available sizes)
USES	A tough, heavy duty epoxy designed for maximum performance in severe environments.
APPEARANCE	Gloss Stainless Steel Gray
RECOMMENDED PRIMERS	Prime Solution 5250 Red / 5253 Gray; Steel Plus Epoxy Primer

PHYSICAL PROPERTIES

WEIGHT PER GALLON	9.73 lbs.
SOLIDS BY WEIGHT	50.8%
SOLIDS BY VOLUME	42%
RECOMMENDED DFT	2.5 to 3.0 mils
INDUCTION TIME	NONE
WET FILM TO ACHIEVE DFT	6.0 to 7.0 mils
THEORETICAL COVERAGE @ 1 Mil DFT	672 sq. ft./gallon
PRACTICAL COVERAGE @ RECOMMENDED DFT (Assumes 15% material loss)	190-230 sq. ft./gallon
DRY TIMES @ 70°F - 80°F (21° - 27°C) AND 50% RH	Tack Free 1 hour Handle 2-4 hours Recoat 2 hours Fully Cured 7 days (rate can be accelerated)
POT LIFE	5 hours with no reduction of gloss
DRY HEAT RESISTANCE	300° F
SHELF LIFE	2 years
PACKAGING	See page 3

SURFACE PREPARATION

All Surfaces: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with BC-4000 cleaner or other suitable cleaner. Thoroughly cured old coatings or new smooth metal may require scuff sanding for maximum adhesion.

Severe exposures:	Abrasive blast to SSPC-SP-10 near white blast before priming
Moderate exposures:	Abrasive blast to SSPC-SP-6 commercial blast before priming

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.
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THINNING

ROLLER/BRUSH	Use as mixed. Thin with water as needed.
AIR-ATOMIZED SPRAY	Thin 10% with water if needed.
AIRLESS SPRAY	Normally not needed.
CLEANUP	Soap and water.

EQUIPMENT RECOMMENDATIONS

BRUSH	Quality synthetic bristle brush
ROLLER	Use good quality roller cover.
AIR ATOMIZED SPRAY	Follow equipment manufacturers nozzle and needle selection recommendation for use with medium viscosity paints. Spray at 45-60 PSI.
AIRLESS SPRAY	1800 - 2400 psi with a .017 to .021 tip.
HOT SPRAY	120°F

SAFETY INFORMATION

VOC	175 g/l or 1.46 # per gallon
FLASH POINT	N/A

WARNING California Prop. 65 warning: Detectable amounts of chemicals known to the state of California to cause cancer, birth defects or other reproductive harm, may be found in this product or its vapors.

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

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN

PRODUCT ORDERING INFORMATION:

	<u>Product Number</u>	<u>Size</u>	<u>Wt./Case</u>	<u>Case Quantity</u>
Stainless Gray	10-810A	Quart	16	6
Stainless Gray	10-810A	Gallon	42	4
Stainless Gray	10-810A	5 Gal Kit	53	1

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10-810A Steel Plus Epoxy 316 and activator 16-Cure

GALLONS (3 to 1 Mix)							
Total Liquid Gallons	Qty	10-810A		Qty	16-Cure	Qty	16-Cure
		1					
	2						
4	3	F1		1	F1		
	4						
	5						
8	6	F1		2	F1		
	7						
	8						
12	9	F1		3	F1		

QUARTS (3 to 1 Mix)							
Total Liquid Quarts	Qty	10-810A		Qty	16-Cure	Qty	16-Cure
		1					
	2						
4	3	F4		1	F4		
	4						
	5						
8	6	F4		2	F4		
	7						
	8						
12	9	F4		3	F4		

5 GALLON PAILS (3 to 1 Mix)							
Total Liquid Gallons	Qty	10-810A		Qty	16-Cure	Qty	16-Cure
		1					
	2						
20	3	F5		1	F5		
	4						
	5						
40	6	F5		2	F5		
	7						
	8						
60	9	F5		3	F5		
	10						