

**STEEL PLUS CE SERIES-316
STAINLESS STEEL EPOXY**

10-808A Stainless Steel Gray

DESCRIPTION 2 to 1 mix Stainless Steel Pigmented Water Base Epoxy
(see page 3 for available sizes)

USES A tough, heavy duty, extremely chemical resistant epoxy
Designed for maximum performance in severe environments.

APPEARANCE Semi Gloss Stainless Steel Gray

RECOMMENDED PRIMERS Steel Plus Epoxy Primer, Prime Solution 5250 Red / 5253 Gray

PHYSICAL PROPERTIES

WEIGHT PER GALLON	9.2 lbs.
SOLIDS BY WEIGHT	40.2%
SOLIDS BY VOLUME	33.5%
RECOMMENDED DFT	2.5 mils
INDUCTION TIME	NONE
WET FILM TO ACHIEVE DFT	7 to 8 mils
THEORETICAL COVERAGE	
@ 1 Mil DFT	536 sq. ft./gallon
PRACTICAL COVERAGE	185 sq. ft./gallon
@ RECOMMENDED DFT (Assumes 15% material loss)	
DRY TIMES @ 70°F - 80°F Tack Free	1 hour
(21° - 27°C) AND 50% RH Handle	2-4 hours
	Recoat 2 hours
	Fully Cured 7 days (rate can be accelerated)
	Heat cure @ 175°F for 30 minutes
POT LIFE	4 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.

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 189g/l or 1.58 # 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	10-808A	Quart	15	6
Stainless Gray	10-808A	Gallon	38	4
Stainless Gray	10-808A	5 Gallon	50	1

BURKE INDUSTRIAL COATINGS
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10-808A Steel Plus CE 316 Epoxy and activator 16-Cure

GALLONS (2 to 1 Mix)							
Total Liquid Gallons	Qty	10-808A		Qty	16-Cure	Qty	16-Cure
	1 1/2	1	F1		2	F4	
3	2	F1		1	F1		
4 1/2	3	F1		1	F1	2	F4
6	4	F1		2	F1		
7 1/2	5	F1		2	F1	2	F4
9	6	F1		3	F1		
10 1/2	7	F1		3	F1	2	F4
12	8	F1		4	F1		
13 1/2	9	F1		4	F1	2	F4
15	10	F1		5	F1		

QUARTS (2 to 1 Mix)							
Total Liquid Quarts	Qty	10-808A		Qty	16-Cure	Qty	16-Cure
		1					
3	2	F4		1	F4		
	3						
6	4	F4		2	F4		
	5						
9	6	F4		3	F4		

5 GALLON PAILS (2 to 1 Mix)									
Total Liquid Gallons	Qty	10-808A		Qty	16-Cure	Qty	16-Cure	Qty	16-Cure
	7 1/2	1	F5		2	F1	2	F4	
15	2	F5		1	F5				
22 1/2	3	F5		1	F5	2	F1	2	F4
30	4	F5		2	F5				
37 1/2	5	F5		2	F5	2	F4		
45	6	F5		3	F5				
52 1/2	7	F5		3	F5	2	F1	2	F4
60	8	F5		4	F5				
67 1/2	9	F5		4	F5	2	F4		
75	10	F5		5	F5				