

# **STEEL PLUS EPOXY PRIMER**

## **30-850A GRAY**

**DESCRIPTION** 4 to 1 mix Water Based Epoxy Primer  
(See page 3 for available sizes)

**USES** A tough, heavy duty water based epoxy primer that can be used on metal or concrete where maximum long-term protection is desired.

**APPEARANCE** Flat Gray

**RECOMMENDED TOPCOATS** Steel Plus Epoxy Topcoats

### **PHYSICAL PROPERTIES**

WEIGHT PER GALLON	11.13 lbs.
SOLIDS BY WEIGHT	61%
SOLIDS BY VOLUME	47%
RECOMMENDED DFT	2.5 - 3 mils
WET FILM TO ACHIEVE DFT	5.5 – 6.5 mils
THEORETICAL COVERAGE	
@ 1 Mil DFT	750 sq. ft./gallon
PRACTICAL COVERAGE	215 - 255 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 4-6 hours

Fully Cured 7 days (rate can be accelerated)

POT LIFE	4 + hours
INDUCTION TIME	None. Mix and use immediately.
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 with water 10 to 15% <b>if needed.</b>
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.
AIRLESS SPRAY	1800 - 2400 psi with a .015 to .019 tip.
HOT SPRAY	120°F - but pot life will be reduced.

## SAFETY INFORMATION

VOC	1.05 lbs or 126 g/l
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>
30-850A	Gallon	46	4
30-850A	5 Gallon	59	1

**BURKE INDUSTRIAL COATINGS**  
600 S. 74<sup>th</sup> Place, Suite 108, Ridgefield, WA 98642  
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Customer Service (800) 348-3245

# 30-850A Steel Plus Epoxy Primer (Gray) with activator 16-Cure

## GALLONS (4 TO 1 Mix)

Total Liquid Gallons	Qty	30-850A		Qty	16-Cure	Qty	16-Cure
1 1/4	1	F1		1	F4		
2 1/2	2	F1		2	F4		
3 3/4	3	F1		3	F4		
5	4	F1		1	F1		
6 1/4	5	F1		1	F1	1	F4
7 1/2	6	F1		1	F1	2	F4
8 3/4	7	F1		1	F1	3	F4
10	8	F1		2	F1		
11 1/4	9	F1		2	F1	1	F4
12 1/2	10	F1		2	F1	2	F4

## QUARTS (4 to 1 Mix)

Total Liquid Quarts	Qty	30-850A		Qty	16-Cure	Qty	16-Cure
	1						
	2						
	3						
5	4	F4		1	F4		
	5						
	6						
	7						
10	8	F4		2	F4		
	9						
	10						
	11						
15	12	F4		3	F4		

## 5 GALLON PAILS (4 to 1 Mix)

Total Liquid Gallons	Qty	30-850A		Qty	16-Cure	Qty	16-Cure	Qty	16-Cure
6 1/4	1	F5		1	F1	1	F4		
12 1/2	2	F5		2	F1	2	F4		
18 3/4	3	F5		3	F1	3	F4		
25	4	F5		1	F5				
31 1/4	5	F5		1	F5	1	F1	1	F4
37 1/2	6	F5		1	F5	2	F1	2	F4
43 3/4	7	F5		1	F5	3	F1	3	F4
50	8	F5		2	F5				
56 1/4	9	F5		2	F5	1	F1	1	F4
62 1/2	10	F5		2	F5	2	F1		

# Steel Plus Epoxy Primer

## FEATURES

**Water Base**

**Special Pigment Combination**

**Special Epoxy Resin**

**Non-Flammable**

**USDA/FDA Accepted**

**Low VOC**

**4 to 1 Mix**

## BENEFITS

**Thins with and cleans up with  
No expensive solvent to buy  
No expensive solvent disposal  
Worker safe – little or no odor  
Minimal environmental impact  
No expensive safety gear required**

**Rust Inhibitive  
Tight interlock for excellent  
Good hide  
Exceptional smoothness**

**Very fast dry  
Superior hardness  
Extremely flexible  
Better abrasion resistance  
Easy spray application  
Excellent chemical resistance**

**Reduces fire danger  
Lowers insurance premiums  
No special storage requirements  
No hazardous shipping issues**

**Meets standards for incident**

**Meets Clean Air regulations  
Reduces government paperwork**

**Cures with aliphatic amine  
5 hour pot life**