

# **BURKE \* INDUSTRIAL \* COATINGS \* PRODUCT \* DATA \* SHEET**

## **STEEL PLUS EPOXY PRIMER 30-850 GRAY**

### **DESCRIPTION**

4 to 1 mix Water Based Epoxy Primer.

### **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 @ RECOMMENDED DFT (Assumes 15% material loss)	215 - 255 sq. ft./gallon
DRY TIMES @ 70°F - 80°F (21° - 27°C) AND 50% RH	Tack Free 1 hour 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	1 gallon kit 5 gallon kit

### **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% **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.

**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-01	Gallon kit	46	4
30-850A-05	5 Gallon kit	58	1

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