

# **STEEL PLUS GLOSS WHITE**

## **Water Based Epoxy Enamel**

### **20-202A USDA White**

<b>DESCRIPTION</b>	4 to 1 mix Gloss Water Base Epoxy Enamel (see page 3 for available sizes)
<b>USES</b>	A tough, heavy duty epoxy enamel designed for maximum performance in severe environments. Can be used in immersion applications.
<b>APPEARANCE</b>	Glossy Enamel
<b>RECOMMENDED PRIMERS</b>	Prime Solution 5250 Red / 5253 Gray, Steel Plus P Epoxy primer
<b>PHYSICAL PROPERTIES</b>	
WEIGHT PER GALLON	10.4 lbs.
SOLIDS BY WEIGHT	53%
SOLIDS BY VOLUME	41%
RECOMMENDED DFT	2.5 mils
INDUCTION TIME	NONE
WET FILM TO ACHIEVE DFT 6 mils	
THEORETICAL COVERAGE	
@ 1 Mil DFT	690 sq. ft./gallon
PRACTICAL COVERAGE	265 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 3-6 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 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**

<b>ROLLER/BRUSH</b>	Use as mixed. Thin with water as needed.
<b>AIR-ATOMIZED SPRAY</b>	Use as mixed. Thin with water as needed.
<b>AIRLESS SPRAY</b>	Normally not needed.
<b>CLEANUP</b>	Soap and water.

**EQUIPMENT RECOMMENDATIONS**

<b>BRUSH</b>	Quality synthetic bristle brush
<b>ROLLER</b>	Use good quality roller cover.
<b>AIR ATOMIZED SPRAY</b>	Follow equipment manufacturers nozzle and needle selection recommendation for use with medium viscosity paints. Spray at 40- 60PSI.
<b>AIRLESS SPRAY</b>	1800 - 2400 psi with a .013 to .015 tip.
<b>HOT SPRAY</b>	120°F

**SAFETY INFORMATION**

VOC	1.42 # / gallon or 170 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>
USDA White	20-202A	Gallon	43	4
USDA White	20-202A	5 Gallon	54	1

**BURKE INDUSTRIAL COATINGS**

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# 20-202A Steel Plus Epoxy White and activator 16-Cure

GALLONS (4 TO 1 Mix)							
Total Liquid Gallons	Qty	20-202A		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	20-202A		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	20-202A		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		