

# STRUCTURAL STEEL GRAY PRIMER, #CC-486



## **PRODUCT PROFILE**

### General Description

This product is a oil based utility primer developed to meet the requirements of an economically priced shop primer.

### Common Usage

Typical substrates include construction equipment, original equipment manufacturing and shop applications. This product offers good barrier protection to final assembly and subsequent application of finish enamels.

### Color

Gray (Also available in Red - #CC-1679)

### Finish

Low Sheen

## **COATING SYSTEMS**

### Finish Coats

Typical topcoats include Anchor #900 series Saf-T-Gard II gloss enamels. Avoid using finish systems cut in any of the stronger solvents such as aromatic or ketone solvents. Each service environment may require a specific coating system or a combination of Anchor products. Consult your Anchor representative for specific job recommendations.

## **SURFACE PREPARATION**

The surface must be clean, dry, and free of all dirt, grease, oil, loose paint, rust, or other contaminants. The surface substrate should be cleaned in accordance with SSPC-SP1. All burrs should be removed and sharp edges or rough weld seams ground down. Where weathered steel is evident and where the substrate has reached rust grade, appropriate chemical cleaning or blasting will be necessary.

## **TECHNICAL DATA**

### Volume Solids

46.70%

### Recommended Thickness

1.6-2.0 mils minimum dry.

### Drying Time

<u>Temperature</u>	<u>To Touch</u>	<u>To Recoat</u>	<u>Full Cure</u>
75 F / 55% R.H.	40 minutes	Overnight	1 week

(Cooler temperatures and higher humidity will lengthen drying time)

### Architectural and Industrial Maintenance Category

Not Intended for Residential Use; Shop Use Only

### Actual V.O.C.

3.42 lbs./gal. (410 g/l)

### Theoretical Coverage

749 sq.ft./ gallon @ 1 mil dry, assuming no application losses. Coverage will vary depending on surface texture and application technique.

### Packaging

55 Gallon drums, and 5 Gallon pails

### Storage Temperature

Minimum 20 F                      Maximum 110 F

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<u>Chemical Resistance</u>	<u>Alkalis</u>	Fair
	<u>Acids</u>	Good
	<u>Water</u>	Good

Health & Safety Refer to the product label itself and your Anchor representative concerning a Material Safety Data Sheet for complete information on this product.

**APPLICATION**

<u>Coverage Rates</u>	<u>Dry Mils</u>	<u>Wet Mils</u>	<u>Sq.Ft./ Gal.</u>
<u>Suggested</u>	1.8	3.9	416
<u>Minimum</u>	1.6	3.4	468
<u>Maximum</u>	2	4.3	374

Mixing Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning This coating is V.O.C. compliant, thin only if necessary with Anchor # J-1131 or #T-50 for spray applications if permitted by federal, state, and local regulations.

Surface Temperature Minimum 40 F                      Maximum 110 F  
The surface should be dry and the relative humidity should be less than 85%.

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	1200-2200 psi
		Tip	.011"-.015"
	<u>Conventional Spray</u>	Air Pressure	60-80 psi
		Fluid Pressure	10-20 psi

Cleanup Use Anchor #J-1131 or #T-50

Application Considerations Spray application is recommended, brush and roller are permitted. Apply in wet coats to avoid dusting. When spraying, use a cross-hatch method, overlapping each pass 50%. Clean spray equipment thoroughly before and after each use. On a derusted surface the application of a dry film thickness of at least 2.0 mils is recommended. Due to the high solids of this product, care should be taken to not overbuild the coating. Applying too much will lengthen the dry time and possibly result in "mudcracking" in the film. Note: When scheduling work, allow for adequate time when adverse weather and precipitation is forecast.

**LIMITED WARRANTY**

The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control, Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.