RUST-OLEUM® COMMERCIAL

CV740 SYSTEM
RUST PREVENTIVE ENAMEL

DESCRIPTION AND USES

The CV740 System Rust Preventive Enamels are designed for indoor and outdoor steel surfaces in mild to moderate environments. The CV740 System has excellent resistance to general weathering, salt air, mild chemical fumes and light abrasion. Not for use on galvanized steel.

If desired, the CV740 System Rust Preventive Enamels can be applied direct-to-metal (DTM), however optimal corrosion protection is achieved when the finish coat is used in conjunction with one of the recommended primers.

This product complies with USDA FSIS regulatory sanitation performance standards for food establishment facilities. This coating is impervious to moisture and easily cleaned and sanitized.

MPI #9, #48, #96 Certified*

PRODUCTS

PRIMERS

1-Gallon	Description
255617	White Primer
255610	Red Primer

FLAT FINISH

1-Gallon	Description
255609	Flat Black

HIGH GLOSS FINISH

1-Gallon	Description
255611	Black
261959	Safety Blue
255616	Safety Yellow
255615	Safety Red
255613	Navy Gray
255612	Forest Green
255614	White
261956	Silver Gray
261957	Dunes Tan

HIGH GLOSS TINT BASES

1-Gallon	5-Gallon	Description
255621	----	Red
255620	----	Yellow
255618	286906	Masstone
255619	286908	Pastel
261961	286909	Deep

* Refer to the MPI website for the most current listing of MPI certified products.

PRODUCTS (CONT.)

SATIN FINISH

1-Gallon	5-Gallon	Description
282727	282737	Navy Gray
282728	282738	Black
282729	282739	White
282730	282740	Silver Gray
282732	282741	Dunes Tan

SATIN FINISH TINT BASES

1-Gallon	5-Gallon	Description
282733	282742	Pastel
282734	282743	Deep
282736	282744	Masstone

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Krud Kutter® Original Cleaner Degreaser, commercial detergent or other suitable cleaner. Rinse thoroughly with fresh water and allow to fully dry. All surfaces must be dry at time of application.

STEEL: Hand tool (SSPC-SP-2) or power tool (SSPC-SP-3) clean to remove all loose rust, mill scale, and deteriorated previous coatings. If abrasive blasting cleaning is used, then two coats of recommended primer are required.

PREVIOUSLY COATED: Previously coated surfaces must be sound and in good condition. Smooth, hard, or glossy finishes should be scarified by sanding to create a surface profile. The 7400 System Enamels are compatible with most coatings, but a test patch is suggested.

APPLICATION

Apply only when air and surface temperatures are between 32-100°F (0-38°C) and surface temperature is at least 5°F (3°C) above the dew point.

EQUIPMENT RECOMMENDATIONS

BRUSH: Use a good quality natural or polyester bristle brush.

ROLLER: Use a good quality natural or polyester cover. Use a short nap roller for smooth surfaces, and a medium nap roller for rough surfaces.

AIR-ATOMIZED SPRAY:

Method	Fluid Tip	Fluid Delivery	Atomization Pressure
Pressure	0.055-0.070	16 oz./min.	25-60 psi
Siphon	0.055-0.070	—	25-60 psi
HVLP (var.)	0.043-0.070	8-14 oz./min.	60-90 psi*

*10 psi maximum at tip

Form: GDH-1133
Rev.: 101617

RUST-OLEUM COMMERCIAL

TECHNICAL DATA

CV740 SYSTEM RUST PREVENTIVE ENAMEL

PRODUCT APPLICATION (cont.)

AIRLESS SPRAY (HIGH GLOSS):

Pump Ratio	Fluid Pressure	Fluid Tip	Filter Mesh
30:1	1,600-2,400 psi	0.013-0.017	100

AIRLESS SPRAY (ALL OTHERS):

Pump Ratio	Fluid Pressure	Fluid Tip	Filter Mesh
30:1	1,600-2,400 psi	0.013-0.019	60

PRODUCT APPLICATION (cont.)

THINNING

BRUSH/ROLLER: Normally not required.

AIR-ATOMIZED SPRAY: 333402 Thinner: Use up to 15% by volume.

AIRLESS SPRAY: 333402 Thinner: Normally not required. If needed use up to 5% by volume.

CLEAN-UP

333402 Thinner or Acetone.

PHYSICAL PROPERTIES

		GLOSS FINISHES	SATIN FINISHES	PRIMERS
Resin Type		Modified Alkyd		
Pigment Type		Varies with color		Titanium Dioxide, Red Iron Oxide
Solvents		Exempt halogenated and hydrocarbon solvents		
Weight	**Per Gallon**	9.0-10.4 lbs.	11.0-12.3 lbs.	12.1-12.2 lbs.
	Per Liter	1.1-1.2 kg	1.3-1.5 kg	1.5 kg
Solids	**By Weight**	46.0-54.8%	52.6-58.0%	59.5-62.0%
	By Volume	46.6-48.0%	43.9-48.6%	44.0-48.0%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)	<100 g/l (0.83 lbs./gal.	<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.5-2.5 mils (37.5-62.5µ)	1.5-2.5 mils (37.5-62.5µ)	1-2 mils (25-50µ)
Wet Film to Achieve DFT (Unthinned material)		3.5-5.5 mils (87.5-137.5µ)	3.5-5.5 mils (87.5-137.5µ)	2-4 mils (50-100µ)
Theoretical Coverage at 1 mil DFT (25µ)		750-770 sq.ft./gal. (18.5-18.9 m^2/l)	700-780 sq.ft./gal. (17.2-19.2m^2/l)	705-770 sq.ft./gal. (17.3-18.9 m^2/l)
Practical Coverage at Recommended DFT (assume 15% material loss)		255-435 sq.ft./gal. (6.3-10.7 m^2/l)	240-440 sq.ft./gal. (5.9-10.8 m^2/l)	300-650 sq.ft./gal. (7.4-16.0 m^2/l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	**Tack-free**	4-6 hours	4-6 hours	4-6 hours
	Handle	8-12 hours	8-12 hours	8-12 hours
	Recoat	24 hours	24 hours	24 hours
Dry Heat Resistance		200°F (93°C)	200°F (93°C)	200°F (93°C)
Shelf Life		5 years	5 years	5 years
Safety Information		See SDS		

Calculated values may vary slightly from the actual manufactured material.