RUST-OLEUM® HIGH PERFORMANCE®

V7400 SYSTEM 340 VOC FAST RECOAT RUST-INHIBITIVE PRIMER

DESCRIPTION AND USES

Rust-Oleum® V7400 System Fast Recoat Primers are rust-inhibitive alkyd primers designed for use with Rust-Oleum V7400 System 340 VOC DTM Alkyd Enamel topcoats.

Designed for use on clean, abrasive blasted, sound rusted or previously painted steel surfaces in mild to moderate industrial environments. Not for use on galvanized steel.

PRODUCTS

1-Gallon	5-Gallon	Description
V7086402	V7086300	Gray Primer
V769402	V769300	Red Primer
258887	—	White Primer

COMPANION PRODUCTS

RECOMMENDED TOPCOATS

V7400 System 340 VOC DTM Alkyd Enamel

PRODUCT APPLICATION

SURFACE PREPARATION

Clean surface with 3599 Pure Strength Cleaner/Degreaser or suitable cleaner and water. Rinse with water and let dry.

STEEL: Remove loose rust, mill scale, and deteriorated coatings.

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.

For optimal protection, abrasive blast clean to a Commercial Grade, SSPC-SP-6, with a surface profile of 1-2 mils (25-50µ). Two coats of primer are required on blast cleaned surfaces. This primer is compatible with most alkyds, but a test patch is suggested.

PRODUCT APPLICATION (cont.)

APPLICATION

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

EQUIPMENT RECOMMENDATIONS

(Comparable equipment also suitable)

BRUSH: Use a good quality synthetic bristle brush.

ROLLER: Use a good quality natural or synthetic cover.

AIR-ATOMIZED SPRAY:

Method	Fluid Tip	Fluid Delivery	Atomization Pressure
Pressure	0.055-0.070	12-16 oz./min.	25-60 psi
Siphon	0.055-0.070	—	25-60 psi
HVLP (var.)	0.043-0.070	8-10 oz./min.	10 psi (at tip)

AIRLESS SPRAY:

Fluid Pressure	Fluid Tip	Filter Mesh
1,600-2,400 psi	0.013-0.017	100

THINNING

BRUSH/ROLLER: #333402 Thinner: Normally not required.

AIR ATOMIZED SPRAY: #333402 Thinner: Use up to 15% as needed.

AIRLESS SPRAY: #333402 Thinner: Normally not required. Use 5-10% (approximately ½-2 pints per gallon, if needed).

CLEAN-UP

Use 333402 thinner or 254266 Exempt Thinner.

PERFORMANCE CHARATERISTICS

SYSTEM TESTED

Primer: Quick Dry Enamel Primer

Topcoat: n/a

PENCIL HARDNESS

METHOD: ASTM D3363

RESULT: F

CONICAL FLEXIBILITY

METHOD: ASTM D522

RESULT: >33%

GLOSS AT 60°

METHOD: ASTM D4587

RESULT: 5

For chemical and corrosion resistance, see the Rust-Oleum Industrial Brands Catalog (Form #275585).

TECHNICAL DATA

V7400 SYSTEM 340 VOC FAST RECOAT RUST-INHIBITIVE PRIMER

PHYSICAL PROPERTIES

		PRIMERS
Resin Type		Phenolic alkyd
Pigment Type		Calcium borosilicate
Solvents		Aliphatic hydrocarbons
Weight	**Per Gallon**	12.8-13.0 lbs.
	Per Liter	1.5-1.6 kg
Solids	**By Weight**	78.4-79.1%
	By Volume	60.7-60.8%
Volatile Organic Compounds		<340 g/l (2.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.5-2.5 mils (37.5-62.5µ)
Wet Film to Achieve DFT (unthinned material)		2.5-4.0 mils (62.5-100µ)
Theoretical Coverage at 1 mil DFT (25µ)		975 sq. ft./gal. (24.0 m^2/l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		300-550 sq. ft./gal. (7.4-13.5 m^2/l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	**Tack-free**	30 minutes
	Handle	4-5 hours
	Recoat	1 hour
Dry Heat Resistance		212°F (100°C)
Shelf Life		5 years
Safety Information		**COMBUSTIBLE LIQUID AND VAPOR. LIQUID AND VAPOR HARMFUL IF INHALED. MAY AFFECT THE NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE NOSE, THROAT, EYE AND SKIN IRRITATION. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.**

Calculated values are shown and may vary slightly from the actual manufactured material.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

RUST-OLEUM INDUSTRIAL BRANDS

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