

SHOP PRIMERS

Description:

ELLIS SHOP PRIMERS are made from a durable, co-polymer resin and have good adhesion to practically any firm surface. These primers contain rust inhibitive pigments for anti-corrosion protection. ELLIS SHOP PRIMERS are ideal for priming projects which require a low cost, low V.O.C., compliant primer.

Partial List of Uses:

- Steel buildings • Railings • Structural steel

Benefits:

- Low V.O.C. • Good bonding characteristics
- Fast dry • Excellent hide and coverage • Good weather and corrosion resistance • Easily applied using conventional methods of equipment

Compatible Topcoats:

- Ellis 3100, 3300, 4400 & 7900 Series



TECHNICAL DATA

Product Number:	692, 693
Colors:	Red Oxide, Gray
Viscosity:	75 - 80 Kreb Units @ 77°F
Solids by Weight:	76% - 80%
Solids by Volume:	60% - 64%
V.O.C. (Volatile Organic Compounds): *	250 grams per liter or less, 2.1 lbs. per gallon
Solvent(s) Used:	Aliphatic & Aromatic Hydrocarbons/Ketones
Finish:	Flat
Flash Point:	1°F/TCC
Dry-To-Touch @ 77°F:	15 - 20 minutes
Dry-To-Handle @ 77°F:	3 - 4 hours
Recoat time @ 77°F:	4 - 6 hours
Coverage:	972 - 1013 square feet per gallon @ 1 mil DFT

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Directions for use:

SURFACE PREPARATION:

GENERAL: All surfaces to be primed must be clean, dry and in fit condition to be painted. Be sure to remove all wax, silicone, oil powdery or scaling rust loose or peeling paint and all other foreign matter. Smooth, slick surfaces should be sanded to give a mechanical tooth for adhesion purposes.

BARE FERROUS METAL: Clean off all dirt, grease, oil, wax or other foreign matter. All loose, powdery or scaling rust must also be removed. A completely de-rusted surface is recommended.

PAINTED SURFACES: Be sure all loose and peeling paint is completely removed and the surface is clean. Remove excess chalkiness with a wire brush or by sanding.

NON-FERROUS METALS: Clean surface thoroughly then apply a prep coat of 690 Low VOC Etching Filler as a first coat over the non-ferrous metal to ensure adhesion of the primer. Topcoat the 690 Low VOC Etching Filler with Ellis Shop Primer between 2 to 8 hours. After 8 hours the 690 Low Voc Etching Filler should be lightly sanded before applying the first coat of Ellis Shop Primer.

MIXING: Mix thoroughly before use and/or after thinning.

THINNING: This product is formulated at a V.O.C. level of 250 grams per liter or less. If thinning is necessary, use Ellis 80/20 Zero VOC Exempt Solvent. Do not exceed local V.O.C. requirements.

APPLICATION:

NOTE: Ellis Shop Primers are not to be used under any epoxy, vinyl or acrylic coating until full cure is achieved. This can take as long as 2 weeks depending on temperature and dry film thickness. Always use a patch test when using these strong top coatings to be sure of success.

This primer may be used as a temporary topcoat on steel which is in between the fabrication and top coating stages. If there is an extended time between priming the metal and application of the topcoat (more

than 2 days), be sure surface is properly inspected, cleaned and prepared prior to the application of the topcoat.

SPRAYING: Apply 1 or more coats. Time between coats is not critical. Thin to spray viscosity.

BRUSHING & ROLLING: Not recommended, except for small surfaces. Apply at package consistency.

CLEAN-UP: Equipment should be thoroughly cleaned immediately after use in an enclosed spray equipment cleaner with Ellis 80/20 Zero VOC Exempt Solvent.

IMPORTANT WARNING:

To avoid spontaneous combustion, soaked, soiled rags, spray booth filters, overspray waste and dry dust sweepings must be properly discarded in water filled containers and disposal regulations.

SHELF LIFE: Shelf life is 1 year from date of manufacture when stored at temperatures not to exceed 90°F.

*V.O.C. Rule and Regulation requirements are mandated by local air management districts and change from district to district. Refer to your local V.O.C. Rules and Regulations from your air resources board or on the web at www.arb.ca.gov/capcoa/roster.htm

Refer to product label and Material Safety Data Sheet (MSDS) for cautions and warnings pertaining to this product.

Limited Warranty:

Ellis Paint Company certifies that all Ellis coatings delivered to the customer in new, sealed containers will meet all pertinent quality standards presented in Ellis published literature. Since matters of surface preparation, application procedures and other local factors which affect performance are beyond its control, Ellis assumes no liability for coating failure other than to supply replacement material for Ellis coatings shown to be defective. If you have questions, contact your dealer, visit www.ellispaint.com, or call Ellis Paint Company. There is no other warranty, either expressed or implied.

