

Hy-Lux® 690 Etching Primer

Description:

HY-LUX® 690 ETCHING PRIMER is a two-component self-etching system consisting of Part-A Base and Part-B Catalyst. This system is formulated to increase adhesion on aluminum, galvanized metal or any clean, smooth metal surface as an intermediate coat. HY-LUX® 690 ETCHING PRIMER must be coated with a conventional metal primer within 8 hours to insure intercoat adhesion and maximum corrosion protection.

Partial List of Uses:

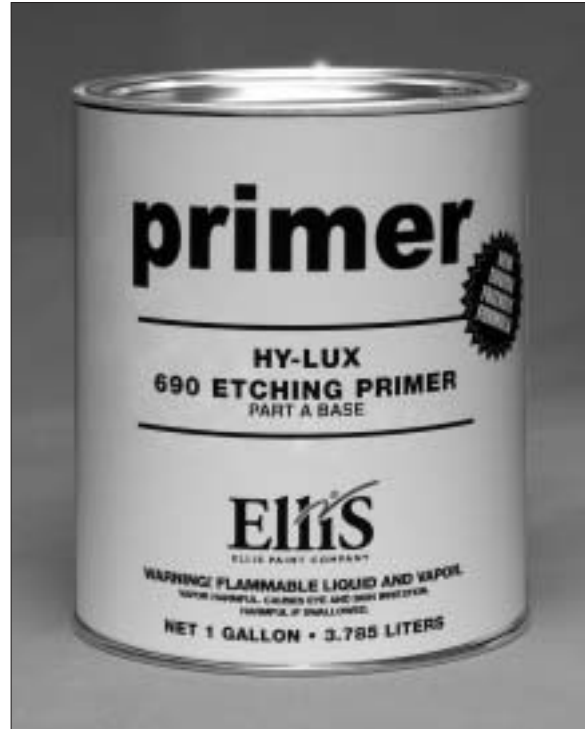
- Etching metal surfaces prior to application of primer to promote adhesion

Benefits:

- Dries very fast – may be topcoated in 30 minutes
- Increases adhesion – bonds to aluminum or any galvanized or non-ferrous metal
- Improves corrosion resistance
- Acts as a bonding agent under other primers and practically all topcoats
- Chromate free

Compatible Primers:

- Ellis 600 Solventborne Series
- 1200 Waterborne Series
- 7762 Waterborne Universal Primer



TECHNICAL DATA (Combined)	
Product Number:	690-A (Base), 690-B (Catalyst)
Colors:	Blue - Green
Viscosity:	16" - 17" #2 Zahn Cup @ 77°F
Solids by Weight:	16%
Solids by Volume:	8%
V.O.C. (Volatile Organic Compounds): *	747 grams per liter, 6.2 lbs. per gallon
Solvent(s) Used:	Alcohols, Ketones, Aliphatic Hydrocarbon Solvent
Finish:	Flat
Flash Point:	23°F/TCC
Dry-To-Touch @ 77°F:	10 minutes
Dry-To-Handle @ 77°F:	30 - 60 minutes
Recoat time @ 77°F:	Within 8 hours
Coverage :	127 square feet per gallon @ 1.0 mil DFT

Hy-Lux® 690 Etching Primer

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

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

MIXING: Hy-Lux 690 Etching Primer is packaged in a metal can containing Part-A, and a plastic bottle containing Part-B. Always maintain the proper mixing ratio – 1 part of Part-A Base to 1 part of Part-B Catalyst. Thoroughly stir Part-A and slowly add Part-B until well mixed. "Pot life" is approximately 8 hours at 77°F after adding catalyst.

When Part-A and Part-B are mixed together, there will be some loss of its etching ability after a period of 24 hours. Material that has been sprayed will not be affected.

THINNING: No thinning required.

APPLICATION: Part-A must be mixed with Part-B before application. Apply by brush, roller or spray gun. Brushing is not recommended for large areas; suitable for small areas. The problem is a very fast dry time. A "wet" coat is recommended so that the acid in the primer will have a chance to "bite" into the metal. Apply 1 wet coat, allowing 5 minutes flash time between coats. Dry film thickness should not exceed 0.5 mils. Follow with appropriate metal primer after 30 minutes, but no later than 8 hours.

NOTE: Be sure to prime Hy-Lux 690 Etching Primer within 8 hours. After 8 hours, Hy-Lux 690 Etching Primer should be lightly sanded before applying first coat of primer.

CLEAN-UP: Equipment should be thoroughly cleaned immediately after use in an enclosed spray equipment cleaner with 3520 Universal Compliant Solvent.

GENERAL INFORMATION: Do not leave primed metal exposed to sunlight for more than 6 weeks.

IMPORTANT! Read entire product profile before using this product. Part-A must be mixed with Part-B before using. Before adding catalyst, READ CAUTION STATEMENTS ON CATALYST LABEL. Any mixture containing catalyst will have hazards of both components. Observe ALL APPLICABLE PRECAUTIONS.

SHELF LIFE: One year from date of manufacture in an unopened container.

*VOC Rule and Regulation requirements are mandated by local air management districts and change from district to district. Refer to your local VOC 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 an 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.

