

HY-LUX[®] ENAMEL

Description:

HY-LUX[®] ENAMEL is a durable, extremely high-gloss enamel made from a premium quality, acrylic-modified, alkyd resin. Formulated to give long-term weather protection and a colorful appearance. HY-LUX ENAMEL is tough and gives exceptional performance on a wide variety of metal substrates. It is available in clear and a wide selection of colors and tint bases. Designed for application by brush, roller or spray.

Benefits:

- Extremely high gloss • Tough and durable
- A true, general purpose enamel • Excellent hide and coverage • Easily applied using conventional methods and equipment • Stocked in well-known industrial colors

Compatible Primers:

- Ellis 600, 1200, 4400 & 7900 Series



TECHNICAL DATA

Product Number:	3100 Series
Colors:	Clear, Assorted Colors and Tint Bases
Viscosity:	95 - 105 Kreb Units @ 77°F
Solids by Weight:	50% - 71%
Solids by Volume:	47% - 59%
V.O.C. (Volatile Organic Compounds): *	340 grams per liter or less (2.8 lbs/gal)
Solvent(s) Used:	Aliphatic Hydrocarbons/Aromatic Hydrocarbons/Esters/PCBTF
Finish:	Extremely High Gloss 80+
Flash Point:	76°F/TCC
Dry-To-Touch @ 77°F:	4 - 6 hours
Dry-To-Handle @ 77°F:	16 hours
Recoat time @ 77°F:	1/2 - 2 hours
Coverage (Theoretical):	758 - 957 square feet per gallon @ 1 mil DFT

HY-LUX® ENAMEL

Directions for use:

SURFACE PREPARATION

GENERAL: All surfaces to be painted must be clean, dry and in fit condition to be painted. Be sure to remove all wax, silicone, powdery or scaling rust, loose or peeling paint and all other foreign matter. Smooth, slick surfaces should be sanded to give a mechanical tooth to promote adhesion. Prime bare and uncoated surfaces with one of the following Ellis Primers: 600 Solventborne Series, 1200 Waterborne Series, Maximus 4400 Series or Maximus 7900 Series Primer.

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. Prime with Ellis Primer.

NON-FERROUS METALS: Clean the surface thoroughly. Apply a prep coat of Hy-Lux 690 Low VOC Etching Filler as a first coat over the non-ferrous metal to etch the surface and promote adhesion. Allow 30 minutes to dry and follow with a coat of Ellis Primer within 8 hours. After 8 hours, the Hy-Lux 690 Low VOC Etching Filler should be lightly sanded before applying the first coat of Ellis Primer.

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. Feather edge and spot prime with Ellis Primer.

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

8499 POLYURETHANE CATALYST: For increased performance, 8499 Polyurethane Catalyst may be added to HY-LUX 3100 Series Enamel. Refer to the 8499 Polyurethane Catalyst label for directions and precautions regarding applying products containing POLYISOCYANATES.

DRYING SCHEDULE WITH 8499 POLYURETHANE CATALYST: Dry times are based on recommended dry film thickness of 2.0 - 2.5 mils. Thicker films will extend dry times. Air dry times at 77°F and 50% R.H. - Dust-free, 1 - 2 hours, Tack-free 4 - 6 hours, Tape-free, 24 hours, Force dry time at 120°F - 40 minutes

THINNING: DO NOT EXCEED LOCAL VOC REQUIREMENTS. In regulated areas, use Ellis 80/20 Zero VOC Exempt Solvent.

For Spraying: Thin to spray viscosity

For Brushing or Rolling: Thin sparingly.

APPLICATION: Two coats are recommended. To avoid wrinkling, the second coat must be applied in 30 minutes to 2 hours, or after a minimum of one week from the time of applying the first coat.

DRY TIME (@77°F): DUST-FREE: 4 - 6 hours, DRY TO HANDLE 16 hours, RECOAT: 30 minutes to 2 hours, or after a minimum of one week, FULL CURE: 7 days.

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

SHELF LIFE: Shelf life is 2 years 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.

