

Highland International, Inc.

Technical Data Sheet



150C Series HiGlo High Performance Alkyd Topcoat (Low HAPs)

HiGlo is a High Performance Alkyd Enamel that offers premium corrosion protection, gloss, and color retention when compared to generically similar products. It is an inexpensive durable paint to be used on structural steel, concrete plants, quarries and transportation equipment. Outstanding color retention is due to high quality pigmentation. **#34-ALH-100 Urethane Modifier** may be added to enhance durability and hardness.

Vehicle Type:	Alkyd	Dry-Time:	Normal Application	Hot Application
Pigmentation:	Lead & Chromate Free	To Touch	30 Minutes	N/A
Reducers for:	Not normally required	Tack Free	1-2 Hours	N/A
In summer if desired:	Highland #75	To Recoat	3-4 Hours	N/A
In winter if desired:	Highland #85	To Handle	6-8 Hours	N/A
		Put in Service	12 Hours	N/A
Mixing Ratio:	Single Package	V.O.C.:	3.75 lbs. per gallon (450 grams/liter)	
Pot Life:	Not Applicable	Shelf Life:	2 Year Minimum	
Volume Solids:	45%	Finish:	Gloss	
Theoretical Coverage:	720 Sq. Ft. per Gallon @ 1 Mil DFT	Color:	Range of Colors	
Flash Point:	16°F Lowest Flashing Component	Weight:	10 lbs. per gallon	
Recommended DFT:	2-3 Mils			

Preparation: All surfaces to be painted should be dry and free of contaminants. Apply over #84 Structural primer, #475C Dry-Fall Epoxy Primer, #830 or #860 HiTemp Primers. For extra durability and corrosion protection apply over #74 AcidTemp Epoxy Hybrid.

Application Requirements: (1) Stir product thoroughly prior to use. (2) Apply at a rate of 240-360 square feet per gallon to obtain the recommended film thickness.

**To enhance gloss, durability & hardness of this coating add two quarts (10:1) of #34-ALH-100 Urethane Modifier per 5 gallon pail.*

Method of Application: Conventional or Airless

Conventional Spray

Airless Spray:

Gun:	Devilbiss MBC-510	Gun:	Graco 205-591
Fluid Tip:	E	Pump:	30:1
Air Cap:	704	Tip Range:	3.011 - 4.015 @ 1800 psi minimum
Atomizing Pressure:	40-60 psi	Hose:	3/8 inch ID
Pot Pressure:	15-20 psi		
Hose:	1/2 inch ID		

Brush or Roller: Both are acceptable

Clean Up: After use, clean all equipment with lacquer thinner

Safety Precautions: (a) Use normal precautions such as gloves, facemasks, and barrier creams.

(b) Adequate ventilation must be maintained. In confined areas, workmen must wear constant flow airline respirators. (c) If product comes into contact with skin, wash thoroughly with lukewarm water or diluted Boric Acid, and obtain immediate medical attention. (d) This product contains

FLAMMABLE materials. Keep away from sparks and open flames. Observe **NO SMOKING** regulations.

(e) All electrical equipment and installations should conform to NEC regulations. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools, and to wear conductive, non sparking shoes. (f) Observe low flash regulations. (g) Refer to Material Safety Data Sheet (MSDS) for complete safety instructions.

The technical data listed herein has been compiled for your convenience and guidelines, and is based upon our experience and knowledge. However, since we have no control over the use of this information, or this product, no warranty, express or implied, is intended or given. Highland assumes no responsibility whatsoever for coverage, performance, or any other damage, including injuries from use of this information of products recommended herein.

P. O. Box 3564 Boone, NC 28607

800-444-1438

www.highland-international.com

Updated 12-16-08