



Highland International, Inc.



Technical Data Sheet

150-28 Series HiGlo High Performance Alkyd Topcoat (2.8 VOC)

HiGlo is a High Performance Alkyd Topcoat that offers premium corrosion protection, gloss retention, and color retention when compared to generically similar products. It has been specifically formulated to meet 2.8 lbs. per gallon V.O.C. requirements, and is an inexpensive durable paint to be used on structural steel, concrete plants, asphalt plants, quarries & transportation equipment. #34-28-100 Urethane Modifier may be added to enhance durability and hardness. Its outstanding color retention is due to high quality pigmentation.

Vehicle Type:	Alkyd	Dry-Time:	Normal Application	Hot Application
Pigmentation:	No Lead or Lead Free	To Touch	30 Minutes	N/A
Reducers for:	Not normally required	Tack Free	1-2 Hours	N/A
In summer if desired:	Highland #100	To Recoat	3-4 Hours	N/A
In winter if desired:	Highland #120	To Handle	6-8 Hours	N/A
Mixing Ratio:	Single Package	Put in Service	12 Hours	N/A
Pot Life:	Not Applicable	V.O.C.:	333 Grams/Liter (2.8 lbs. per gallon)	
When activated w/ 34-28-100	3-4 hours @ 77°F	Shelf Life:	2 Year Minimum	
Volume Solids:	50%	Finish:	Gloss, Semi-Gloss, Satin, & Flat	
Theoretical Coverage:	800 Sq. Ft. per Gallon @ 1 Mil DFT	Color:	Range of Colors	
Flash Point:	-8°F Lowest Flashing Component	Weight:	11 lbs. per gallon	
Recommended DFT:	2-3 Mils			

Preparation: All surfaces to be painted should be dry & free of all foreign contaminants. Apply over #84 Series Rust Inhibitive Structural Primer, #77-28 Series HiGrip Epoxy Primer, #175 Series "Fast Dry" Epoxy Primer, #475 Series Dry-Fall Epoxy Primer, #35-S Series HiBond Primer or #26 Series Non-Sanding Primer/Sealer. For extra durability and corrosion protection, apply over #74 AcidTemp 500°F Epoxy Hybrid.

Application Requirements: (1) Stir product thoroughly prior to use. (2) Apply at a rate of 267-400 square feet per gallon to obtain the recommended film thickness.

**To enhance gloss, durability & hardness of this coating add two quarts (10:1) of #34-28-100 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	Thinning:	Not Necessary
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.

However, when applied according to manufacturers specifications, these products will perform as indicated.

P. O. Box 3564 Boone, NC 28607

800-444-1438

www.highland-international.com

Updated 1-16-09