

150 Series

HiGlo Alkyd Topcoat



150 Series is a High Performance Alkyd Enamel offering premium corrosion protection, high gloss, and color retention when compared to generically similar products and is offered in spray and brush & roll formulas. It is an inexpensive durable coating 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 further enhance durability and hardness and gloss.

Tech Specs

Heat Resistance:	For Ambient Services Only
Vehicle Type:	Alkyd
Reducer:	Not Normally Required
In summer if desired:	Highland #100 Reducer
In winter if desired:	Highland #120 Reducer
Mix Ratio:	Single Package
Pot Life:	N/A
Volume Solids:	45%
Theoretical Coverage:	721ft ² /gal. @ 1 mil DFT
VOC:	<335 g/L (2.8 lbs/gallon)
Flash Point:	16°F (Lowest Flashing Component)
Dry Film Thickness:	2-3 mils DFT

Wet Film Thickness:	4-6 mils WFT
Dry-time:	Normal
To Touch:	30 Minutes
Tack Free:	1-2 Hours
To Recoat:	3-4 Hours
To Handle:	6-8 Hours
Put in Service:	12 Hours
Shelf Life:	2 Years Minimum
Finish:	Gloss
Color:	Standard & Custom
Packaging:	5 gallon pails & 55 gallon drums
Storage Temperature:	20°F - 110°F

Surface Preparation

All surfaces should be clean, dry and free of all foreign contaminants. Apply over Highland approved primer. Consult Highland technical data sheet for recoat windows on approved primer before application. See typical systems for primer options.

Mixing & Application

Mixing: Highland 150 Series needs to be thoroughly mixed using mechanical agitation. It is ready to spray after proper mixing.
Reduction: Reduction is not required, if desired, reduce by 0% - 10% with Highland 100 or 120 reducer.

Highland 150 Series is designed for spray application. To ensure optimal performance, apply according to recommendations below.

Airless Gun:	Graco 205-591
Pump:	30:1/45:1/60:1
Tip Range:	3.013 – 4.015
Pump Pressure:	1,800 – 3,000 psi Minimum
Hose:	3/8 inch ID
Brush or Roller:	Both are acceptable for touch up. For complete projects use the 150BR formula.

Conventional Gun:	DeVilbiss MBC-510
Fluid Tip:	E
Air Cap:	704
Atomizing Pressure:	60 psi
Pot Pressure:	20 psi
Hose:	3/8 inch
Clean Up:	Highland #901 Cleaning Solvent

Typical Systems

Highland 150 Series may be applied over a variety of Highland Primers:

84-LH Series Primer	For great corrosion protection and longevity
860-HF Series Primer	Coatings are compatible
830 Series Primer	Coatings are compatible
475R Series Primer	For added corrosion resistance

A wide range of primers are suitable for use with Highland 150 Series Topcoat. For more options call a Highland representative.

Safety Information

- Use normal precautions such as gloves, facemasks and barrier creams.
- Adequate ventilation must be maintained. In confined areas, applicators must wear constant flow airline respirators.
- If product comes into contact with skin, wash thoroughly with lukewarm water or diluted Boric Acid, and obtain immediate medical attention.
- This product contains FLAMMABLE materials. Keep away from sparks and open flames. Observe NO SMOKING regulations.
- All electrical equipment and installations should conform to NEC regulations. In areas where explosion hazards exist, applicators should be required to use nonferrous tools, and to wear conductive, non sparking shoes.
- Observe low flash regulations.
- Refer to Safety Data Sheet (SDS) for complete safety instruction