



Highland International, Inc.

Engineered Paint Systems

HiGlo 150C Series Alkyd Topcoat

150C Series is a High Performance Alkyd Enamel offering premium corrosion protection, gloss, and color retention when compared to generically similar products. 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 enhance durability and hardness.

Vehicle Type:	Alkyd
Pigmentation:	Lead & Chromate Free
Reducer:	Not Normally Required
Reduce if Desired:	
Summer if desired	Highland #75
Winter if desired	Highland #85
Mix Ratio:	Single Package
Pot Life:	Not Applicable (See Below)
When Activated:	3-4 Hours @77°F
Volume Solids:	45%
Theoretical Coverage:	720 ft ² /gallon @ 1 mil DFT
VOC:	3.75 lbs/gallon (450 g/L)
Flash Point:	16°F (Lowest Flashing Component)
Recommended DFT:	2-3 mils

Dry-time:	
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 Year Minimum
Finish:	Gloss
Color:	Range of Colors

Surface Preparation

- 1) Apply over #84 Structural Primer, #475R Dry-Fall Epoxy Primer, #830 or #860 HiTemp Primers.
- 2) For extra durability and corrosion protection apply over #47 Chem-Temp Epoxy.
- 3) All surfaces to be painted should be dry and free of all foreign contaminants.

Mixing and 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.

Method of Application

Conventional Gun:	DeVilbiss MBC-510
Fluid Tip:	E
Air Cap:	704
Atomizing Pressure:	60 psi
Pot Pressure:	20 psi
Hose:	½ inch ID

Airless Gun:	Graco 205-591
Pump:	30:1/45:1/60:1, gas pump acceptable
Tip Range:	3.013 – 4.015
Pump Pressure:	1,800 – 3,000 psi
Hose:	3/8 inch ID

Brush or Roller:	Both are acceptable
Clean Up:	Clean all equipment with Lacquer Thinner

Safety Precautions

- 1) Use normal precautions such as gloves, facemasks and barrier creams.
- 2) Adequate ventilation must be maintained. In confined areas, workmen must wear constant flow airline respirators.
- 3) If product comes into contact with skin, wash thoroughly with lukewarm water or diluted Boric Acid, and obtain immediate medical attention.
- 4) This product contains **FLAMMABLE** materials. Keep away from sparks and open flames. Observe **NO SMOKING** regulations.
- 5) 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.
- 6) Observe low flash regulations.
- 7) Refer to Material Safety Data Sheet (MSDS) for complete safety instructions.

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