

200-QD Series

HiGlo Short Oil Alkyd



Highland 200-QD Series is a short-oil alkyd designed for fast-dry direct to metal applications. Its fast-dry capability makes 200-QD Series ideal for OEM and production environments. 200-QD Series is a fantastic option for maintenance jobs requiring quick turnaround time and one coat coverage.

Tech Specs

Heat Resistance:	200°F Constant
Vehicle Type:	High Solids Chain Stopped Alkyd
Reducer:	Xylene/Acetone
Mix Ratio:	Single Package
Pot Life:	N/A
Volume Solids:	47%
Theoretical Coverage:	753ft ² /gal. @ 1 mil DFT
VOC:	3.5 lbs/gal (420 g/l)
Flash Point:	-4°F (Lowest Flashing Component)
Dry Film Thickness:	1-3 mils DFT
Wet Film Thickness:	2.1 – 6.4 mils WFT

Dry-time:	2 mils DFT @ 77°F
To Touch:	15 Minutes
To Recoat:	NA
To Ship:	12 Hours
Cure Requirements:	Air Dry
Hot Application:	N/A
Shelf Life:	2 Years Minimum
Finish:	Semi-Gloss
Color:	Standard & Custom Colors
Packaging:	1, 5, & 55 gallon containers
Storage Temperature:	40°F - 100°F

Surface Preparation

All surfaces should be clean, dry and free of all foreign contaminants.

A SSPC-SP1 Solvent Cleaning with Highland 901 Cleaning Solvent is recommended before blasting or other cleaning method.

Carbon Steel:

Best: A SSPC-SP 10 Near White Metal Blast to achieve a low blast profile of 1.0-1.5 mils is recommended

Good: A SSPC-SP6 Commercial Blast will provide good results in most situations.

Acceptable: While abrasive blast cleaning is preferred, when it is not an option, Hand or Power Tool Cleaning per SSPC-SP3 may be used and will provide good results.

Stainless Steel:

Surface must be clean and dry. Remove all oil, grease, soil, drawing and cutting compounds and other foreign matter by solvent cleaning per SSPC-SP1.

Mixing & Application

Mixing: Highland 200-QD Series needs to be thoroughly mixed using mechanical agitation. It is ready to spray after proper mixing.

To ensure optimal performance, apply according to recommendations below.

Airless Applications

Airless Gun: Titan 740 Impact or equivalent
Pump Pressure: 2700 – 3100 PSI
Manifold Filter: 60 Mesh
Gun Filter: 60 Mesh

Hose: 1/4 inch ID
Gun: LX-8011 or equivalent
Tip Range: .015 - .021
Brush or Roller: Touchup only
Clean Up: Highland #901 Cleaning Solvent

Do not apply heavier film than specified, as the coating may blister when heat is applied.

Recommended Uses

Highland 200-QD boasts excellent adhesion to aluminum, copper, brass and ferrous metal surfaces. Used as a finish coat, hard film with abrasion, chemical and weathering resistance. Formulated for electrostatic spray.

Performance

Highland 200-QD is designed for fast drying in industrial environments. This coating can be force cured at 180°F in only 10 minutes. This coating offers an attractive semi-gloss finish and is ideal for components such as heat exchangers and heat transfer components.

Typical Systems

DTM Services: Apply 1 coat of 200-QD Series at 1-3 mils DFT in a single uniform coat.

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

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