

SPECTRACRON® 150 Series High Solids Alkyd Enamels are single component enamels designed for industrial use on metal surfaces. They are available in a wide range of custom colors and gloss levels with a high solids, low VOC formula.

Substrates (Direct)

- Cold rolled steel
- Hot rolled steel
- Aluminum¹

Substrates (Over primer)

- Blasted Steel
- CRS
- HRS
- Aluminum

Suggested Primers

- Spectracron 111 Series
- Spectracron 135 Series

End Use Markets

- Industrial equipment
- Metal fabrication
- Heavy duty equipment
- Custom coaters
- Material handling

Product Codes

- QT150HC – High Gloss Clear
- QT150HW – High Gloss White

Product Highlights

- High solids
- Fast drying
- Can enhance appearance properties with a urethane hardener
- VOC 3.5 lbs./gal. (420 g/L)
- No reportable HAPS
- Available in a wide range of custom colors

Physical Properties

Property	Value
Solids % by weight	64.5 ± 3.5
Solids % by volume	53.5 ± 3.0
Weight / Gallon	8.2 – 10.2 lbs. /gal. (984 – 1224 g/L)
Coverage @ 1 mil, 100% TE	845 – 875 ft. ² /gal. (79 – 81 m ² /3.785L)
60° Gloss	10 – 90
Package viscosity	30 – 70" #3 EZ Zahn Cup
VOC (less exempts)	3.5 lbs./gal. (420 g/L)
VOC (actual)	3.5 lbs./gal. (420 g/L)
Shelf life	2 years

Performance Properties

Test	Result*
Pencil hardness	HB – H
Conical mandrel (1/8")	Pass
Adhesion	5B
Salt Spray	Pass 100 hours
Humidity	Pass 100 hours

*results obtained over iron phosphate CRS panels



SPECTRACRON® 150 Series

High Solids Alkyd Enamel

Substrate Protection

The surface must be clean and free of all surface contamination. A chemical pretreatment such as PPG Chemfos® KA Cleaner/Coater or a similar conversion coating will improve the performance properties of the coating system. Use of a recommended primer will also improve performance. See your PPG Representative for recommendations.

Cure Schedule

Paint film is not fully cured for 7 days. Drying time listed may vary, depending upon film build, color selection, temperature, humidity and degree of air movement.

Physical Properties

Air Dry Times²

To Touch	30 min.
To Handle	2 hours
To Recoat	Before 6 hours or after 24 hours

Force Dry Times

Flash Time	10 min. (ambient)
Temperature	Up to 180°F (82°C)
Time at Temperature	20 – 30 min.

Footnotes

1. Adhesion direct-to-aluminum can be achieved when using a fluoride containing conversion coating
2. Excess film thickness will retard dry times and affect the recoat window.

The technical data presented is information believed by PPG to be currently accurate; however, no guarantee of accuracy, comprehensiveness or performance is given or implied. Continuous improvements in coating technology may cause future technical data to vary from what is in this document. Product is intended for application by trained personnel in a factory or shop application. Do not attempt to use product without the current Safety Data Sheet. The performance of a product can fluctuate due to surface preparation technique, method of application, operating conditions, the material it is applied to or with, and use. It is strongly recommended that products be tested with respect to these factors prior to full scale use.

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Mix Directions

Reduction	Use Q30 to maintain 3.5 lbs./gal. VOC
Application Viscosity	15 – 35" #3 EZ Zahn Cup
Line/Flush Clean Up	Q60 or Q30
Blend Ratio (Optional, not required)	19:1 with Q3501 15:1 with GXH1086
Pot Life	6 hours

Application

Equipment	Conventional and HVLP
Recommended Wet Film Build	2.0 – 3.5 mils 51 – 89 microns
Recommended Dry Film Build	1.0 – 2.0 mils 25 – 51 microns

Additional Information

In-Service Temperature: 200°F (93°C)
Do not apply at temperatures below 50°F (10°C)
Protect from freezing
Not recommended for use on zinc rich surfaces

