



SPECTRACRON® 150 SERIES HS ALKYD ENAMEL

DESCRIPTION:

SPECTRACRON 150 SERIES HS Alkyd Enamel is a fast drying alkyd enamel intended for industrial use on treated or primed metal surfaces. Suitable applications include metal fabrication, castings, cabinets, machinery and heavy equipment.

HIGHLIGHTS:

- ❖ Excellent exterior durability
- ❖ Provides a wide balance of performance properties
- ❖ Available in a wide range of colors and gloss
- ❖ Contains no heavy metals
- ❖ Low VOC

TECHNICAL PROPERTIES*:

PROPERTY	METHOD	RESULT
Color		Wide Range
Gloss @ 60° Angle	ASTM D523	30 - 90
Pencil Hardness	ASTM D3363	HB - H
Conical Mandrel	ASTM D522	Pass
Impact Resistance	ASTM D2794	Good
Adhesion	ASTM D3359	Good
Humidity Resistance 100Hrs	ASTM D2247	Excellent
Salt Spray Resistance 200 Hrs	ASTM B117	Good
Chemical Resistance		Good
Substrates		CRS, HRS, Aluminum
Recommended Primers		SPECTRACRON 101,201,501,521,531,571

*Results obtained over iron phosphated CRS panel

PHYSICAL PROPERTIES:

PROPERTY	VALUE
Weight per gallon	9.1 ± 0.9 lbs / gallon
Solid % (Weight)	63.9 ± 7.0%
Solid % (Volume)	56.0 ± 4.0%
Flash Point	101 ⁰ F (38 ⁰ C)
VOC	3.5 lbs / gallon maximum
Coverage	834 – 962 sq ft @ 1 mil (no loss)
Shelf Life	12 months

Do not attempt to use this product without the current Material Safety Data Sheet.
Revision Date: 9/2006



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SURFACE PREPARATION:

The surface must be clean and free of all contamination. Chemical treatment of the substrate and/or use of a primer will improve the performance properties of the coating system.

APPLICATION DATA:

Mixing Instructions: Mix thoroughly before and occasionally during use
Wet Film Thickness: 2.0 – 3.5 mils
Dry Film Thickness: 1.0 – 2.0 mils
Thinner: To maintain VOC compliance, reduce with <5% with Aromatic or up to 20% Acetone (if needed)
Clean up: MEK or Acetone

SPRAY APPLICATION	SPRAY EQUIPMENT	PRESSURE POT	PRESSURE (PSI)	ATOMIZING AIR (PSI)	TIP
Conventional	Binks 2001 *	NA	40-60	NA	66 SD
Conventional	Graco Delta Air *	¼" Fluid	20-30	50-60	.042
Air Assisted Airless	Graco Alpha A.A.*	NA	1000-1500	30-40	.013 or .015
HVLP	Binks 2001 HVLP *	NA	50	NA	NA

*Or Equivalent

CURE SCHEDULE: Air-dry @ 77°F.

Dry to touch: 30 minutes
Dry to handle: 2 hours
To Recoat: Before 6 or after 24 hours
Force-Dry Flash 10 minutes @ ambient: 30 minutes @ 120°F

ADDITIONAL INFORMATION:

- ❖ For application below 50°F, please contact your technical sales/service representative
- ❖ Excess film thickness will retard dry times and affect the recoat window
- ❖ In-Service Temperature: 200°F (maximum)
- ❖ Higher glosses will result if force dried

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It is recommended that the customer should trial the product for adhesion and compatibility using all substrates, surface preparation techniques and application processes in the environment the product will be intended to be used in prior to actual product application.

The technical data presented in this bulletin is based upon information believed by PPG to be currently accurate. However, no guarantees of accuracy, comprehensiveness or performance are given or implied. Continuous improvements in coatings technology may cause future technical data to vary from what is in this bulletin.

