



SPECTRACRON® 110 FAST DRY ALKYD ENAMEL

DESCRIPTION:

SPECTRACRON 110 Fast Dry Alkyd Enamel is recommended for industrial use on primed or unprimed metal surfaces. Suitable applications include metal fabrication, castings, machinery and heavy equipment.

HIGHLIGHTS:

- ❖ Fast Drying
- ❖ Contains no heavy metals
- ❖ Available in a wide range of colors and gloss
- ❖ Factory packaged key colors for superior hiding available
- ❖ High film build capability

TECHNICAL PROPERTIES*:

PROPERTY	METHOD	RESULT
Color		Wide Variety
Gloss @ 60° Angle	ASTM D523	80 – 90 **
Pencil Hardness	ASTM D3363	HB - H
Conical Mandrel	ASTM D522	Pass
Adhesion	ASTM D3359	5B – Excellent
Humidity Resistance 100Hrs	ASTM D2247	Good
Salt Spray Resistance 200 Hrs	ASTM B117	Good
Chemical Resistance		Good
Substrates		CRS, HRS, Aluminum
Recommended Primers (If Used)		SPECTRACRON 101,111,201,531,571

*Results obtained over iron phosphated CRS panel

**Black available in both high gloss and satin finishes

PHYSICAL PROPERTIES:

PROPERTY	VALUE
Weight per gallon	9.0 ± 1.1 lbs / gallon
Solid % (Weight)	48.0 ± 8.0%
Solid % (Volume)	36.0 ± 5.0%
Flash Point	71°F (20°C)
VOC	5.0 lbs / gallon (maximum)
Coverage	513 - 642 ft @ 1 mil (no loss)
Shelf Life	12 months

Do not attempt to use this product without the current Material Safety Data Sheet.

Date: 09/2006



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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: Stir thoroughly before and during use
Optional Catalyst: Mix 15 parts of SPECTRACRON 110 to 1 part SPECTRACRON with Q3501 by volume. Stir thoroughly before and during use.
Wet Film Thickness: 4.0 – 5.7 mils
Dry Film Thickness: 1.4 – 2.0 mils
Thinner: Xylene or Aromatic 100, as required
Brush Application: High quality natural bristle brush (for touch up only)
Roller Application: 3/8" Nap solvent resistant core (use aromatic 100/150 to extend open time as needed for touch up only)
Clean up: MEK or Acetone
Pot Life: With optional catalyst, 2 hours after mixing at 77°F

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 Pro 4500	1000-1500	1000-1500	30-40	.009-.013
HVLP	Binks 2001 HVLP *	NA	50	NA	NA
Airless	Graco Silver Plus	NA	1400-2000	NA	.011-.015

*Or Equivalent

CURE SCHEDULE: (Air-dry @ 77°F.)

Dry to touch: 10-20 minutes
Dry to handle: 45-60 minutes (Dry times will be longer with optional catalyst)
To Recoat: Before 4 or after 72 hours (Recoat window extended with optional catalyst)
Force-Dry: Flash 10 minutes @ ambient: 20 minutes @ 160°F. (peak metal temperature)

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: 180°F (maximum) (slight discoloration may occur after 150°F)
- ❖ Higher gloss will result if force dried
- ❖ Do not use direct to galvanized or zinc rich surfaces. Use Spectracron 531 or 571 Primer.

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CONTACT 1-866-PPG TRUE

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.

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