



SPECTRACRON® 111 FAST DRY ALKYD NON-LIFT PRIMER

DESCRIPTION:

SPECTRACRON 111 Fast Dry Alkyd Non-Lift Primer is recommended for industrial use on metal surfaces. Suitable applications include metal fabrication, castings, machinery and heavy equipment.

HIGHLIGHTS:

- ❖ Fast Drying
- ❖ Contains no heavy metals
- ❖ Can be applied over blasted surfaces
- ❖ Excellent salt spray performance
- ❖ No recoat or topcoat windows

TECHNICAL PROPERTIES*:

PROPERTY	METHOD	RESULT
Color		Gray QAP111-GRY; Red Oxide QAP111-ROX, White QAP111-WHT
Gloss @ 60° Angle	ASTM D523	~20
Pencil Hardness	ASTM D3363	HB - H
Conical Mandrel	ASTM D522	Pass
Adhesion	ASTM D3359	5B – Excellent
Humidity Resistance 300Hrs	ASTM D2247	Excellent (topcoated)
Salt Spray Resistance 400 Hrs	ASTM B117	Excellent (topcoated)
Chemical Resistance		Good
Substrates		CRS, HRS, Aluminum
Recommended Topcoats		SPECTRACRON 100, 110, 150, 300, 360, 380, 390

*Results obtained over iron phosphated CRS panel

PHYSICAL PROPERTIES:

PROPERTY	VALUE
Weight per gallon	10.2 ± 0.3 lbs / gallon
Solid % (Weight)	55.0 ± 3.0%
Solid % (Volume)	36.0 ± 3.0%
Flash Point	71°F (20°C)
VOC	5.0 lbs / gallon (maximum)
Coverage	539 - 599 ft @ 1 mil (no loss)
Shelf Life	12 months

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

Date: 4/2007



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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
Wet Film Thickness: 3.0 – 4.0 mils
Dry Film Thickness: 1.0 – 1.5 mils
Thinner: Xylene or Aromatic 100, as required
Clean up: MEK, Xylene, 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 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	.009-.013

*Or Equivalent

CURE SCHEDULE: (Air-dry @ 77°F.)

Dry to touch: 10-20 minutes
Dry to handle: 25-45 minutes
To Recoat: After 20 minutes but before 14 days
To Topcoat: After 20 minutes but before 14 days
Force-Dry: Flash 10 minutes @ ambient: 20 minutes @ 160°F. (peak metal temperature)

ADDITIONAL INFORMATION:

- ❖ For application below 50°F, please consult your 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)
- ❖ Do not use direct to galvanized or zinc rich surfaces.

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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.

