



SPECTRACRON® 105 HS ALKYD PRIMER

DESCRIPTION:

SPECTRACRON 105 High Solids Alkyd Primer is a one-component primer that does not contain any lead or chrome pigments. It exhibits a very good corrosion resistance when applied over cleaned and pretreated steel and aluminum.

HIGHLIGHTS:

- ❖ Very Good corrosion resistance
- ❖ No lead or chrome
- ❖ Low VOC
- ❖ Available in a wide variety of colors

TECHNICAL PROPERTIES*:

PROPERTY	METHOD	RESULT
Color		Wide Variety
Gloss @ 60° Angle	ASTM D523	30 - 40
Pencil Hardness	ASTM D3363	2H
Adhesion	ASTM D3359	Excellent
Humidity Resistance 100Hrs	ASTM D2247	Excellent
Salt Spray Resistance 500 Hrs	ASTM B117	Very Good
Chemical Resistance		Very Good
Substrates		CRS, HRS, Alum
Top Coat		SPECTRACRON 100, 110, 150, 300, 360, 380, 390

*Results obtained over iron phosphated CRS panel

PHYSICAL PROPERTIES:

PROPERTY	VALUE
Weight per gallon	11.2 ± 0.5 lbs / gallon
Solid % (Weight)	68.0 ± 3.0%
Solid % (Volume)	49.0 ± 2.0%
Flash Point	4°F (-15°C)
VOC	2.8 lbs / gallon maximum
Coverage	753-818 sq ft / gallon @ 1 mil (no loss)
Shelf Life	12 months



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SURFACE PREPARATION:

The surface must be clean and free of all contamination. Chemical treatment will improve the adhesion and performance properties of the finished coat.

APPLICATION DATA:

Mixing Instructions: Mix thoroughly before and during use
Wet Film Thickness: 2.0 - 4.0 mils
Dry Film Thickness: 1.0 - 2.0 mils
Thinner: Not recommended (MAK or Aromatic 100 if necessary)
Clean up: Xylene or MEK

SPRAY APPLICATION	SPRAY EQUIPMENT	PRESSURE POT	PRESSURE (PSI)	ATOMIZING AIR (PSI)	TIP
Conventional	Binks 2001 *	NA	35	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	.009 or .011
HVLP	Binks 2001 HVLP *	NA	50	NA	NA

*Or Equivalent

CURE SCHEDULE:

Air-dry @ 77°F: Dry to touch: 10 minutes
Dry to handle: 1 hour
Dry To Topcoat: 1 hours to 4 days*
Recoat: Less than 1 hours or greater than 4 days
Force dry: Flash 10 min @ ambient: 20 minutes @ 160°F (71°C)

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
- ❖ 200°F maximum In-service temperature
- ❖ *After 4 days, mechanically abrade the primer before topcoating

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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.

