



## SPECTRACRON® 205 VINYL ACRYLIC PRIMER

### DESCRIPTION:

**SPECTRACRON 205 Vinyl Acrylic Primer** is an economical solvent based single component air-dry primer for industrial applications.

### HIGHLIGHTS:

- ❖ Fast Drying for quick top coating
- ❖ Single component rust inhibitive primer
- ❖ Lead and chrome free
- ❖ Primer color can be customized to improve top coat hiding

### TECHNICAL PROPERTIES\*:

PROPERTY	METHOD	RESULT
Color		Wide Variety
Pencil Hardness	ASTM D3363	H
Humidity Resistance 100Hrs	ASTM D2247	Excellent
Salt Spray Resistance 500 Hrs	ASTM B117	Excellent
Chemical Resistance		Good
Substrates		CRS, HRS, Alum
Top Coat		SPECTRACRON 100, 110, 150, 300

\*Results obtained over iron phosphated CRS panel

### PHYSICAL PROPERTIES:

PROPERTY	VALUE
Weight per gallon	9.1 ± 0.8 lbs/gallon
Solid % (Weight)	30.4 ± 3.0%
Solid % (Volume)	18.6 ± 2.0%
Flash Point	21°F (-6°C)
VOC	6.2 lbs / gallon maximum
Coverage	266-330 sq ft / gallon @ 1 mil (no loss)
Shelf Life	12 months



# SPECTRACRON<sup>®</sup> 205 VINYL ACRYLIC PRIMER

## SURFACE PREPARATION:

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

## APPLICATION DATA:

Mixing Instructions: Mix thoroughly before and during use  
Wet Film Thickness: 3.0 - 4.5 mils  
Dry Film Thickness: 0.5 - 0.8 mils  
Thinner: Not recommended  
Clean up: 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: 10-15 minutes  
Dry to handle: 60 minutes  
To Recoat: 30 minutes to 4 days\*  
To Topcoat: 30 minutes to 4 days  
Force dry: Flash 10 min @ ambient: 10 minutes @ 180°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
- ❖ 180°F maximum in-service temperature
- ❖ This primer may be topcoated in 30 minutes
- ❖ \*After 4 days mechanically abrade the primer before top coating

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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.

