



SPECTRACRON® 531/532 HIGH BUILD 2K EPOXY PRIMER

DESCRIPTION:

SPECTRACRON 531/532 High Build 2K Epoxy Primer is a two-component primer recommended for use on properly prepared steel or aluminum where high build and smooth finish are required. Properties include excellent adhesion, toughness and corrosion resistance when blended with QAP532 and QAP532-BLK crosslinkers.

HIGHLIGHTS:

- ❖ High build, smooth finish
- ❖ Long pot life with no induction time required – ideal for either manual mix or plural component equipment
- ❖ Ease of application with many varieties of equipment
- ❖ Fast topcoat and handle times

TECHNICAL PROPERTIES*:

PROPERTY	METHOD	RESULT
Color		Gray (when blended with QAP532), Black (when blended with QAP532-BLK)
Gloss		Low sheen
Pencil Hardness	ASTM D3363	2H
Adhesion	ASTM D3359	5B
Humidity Resistance 500 hours	ASTM D2247	Pass
Salt Spray Resistance 700 hours	ASTM B117	Excellent
Chemical Resistance		Excellent
Abrasion Resistance		Excellent
In Service Temperature		200 - 300°F
Substrates		Blasted CRS, HRS; Aluminum
Top Coat		SPECTRACRON 100,110,150,300,360

*Results obtained over iron phosphated CRS panel

PHYSICAL PROPERTIES:

PROPERTY	VALUE
Weight per gallon Spectracron 531	10.1 ± 0.5 lbs/gallon
Spectracron 532	11.1 ± 0.5 lbs/gallon
Solid % (Weight, blended)	57.8 ± 2.0%
Solid % (Volume, blended)	38.6 ± 2.0%
Flash Point Spectracron 531	80°F (27°C)
Spectracron 532	53°F (12°C)
VOC	4.5 lbs/gallon
Coverage	589 - 649 sq ft/gallon @ 1 mil (no loss)
Shelf Life	12 months each component

Do not attempt to use this product without the current Material Safety Data Sheet.
Revision Date: 10/2006



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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 1 part SPECTRACRON 531 to 1 part of SPECTRACRON 532 by volume to create a gray primer. Mix 1 part Spectracron 531 to 1 part of Spectracron 532-BLK by volume to create a black primer. Agitate prior to application. No induction time required.

Wet Film Thickness: 5.0 – 12.0 mils
Dry Film Thickness: 2.0 – 5.0 mils
Thinner: Use Xylene or TFS999-90 if needed
Clean up: Xylene, MAK, or TFS999-90
Pot Life: 8 hours @ 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
Airless	Graco Airless *	NA	1400-2000	NA	.013 to .017
Air Assisted Airless	Graco Alpha A.A. *	NA	1000-1500	30-60	.009 to .013
HVLP	Binks 2001 HVLP *	NA	50	NA	NA

*Or Equivalent

CURE SCHEDULE:

Air-Dry @ 77°F:
Dry to touch: 45 minutes
Dry to handle: 3 hours
To Recoat: 1 hour, 21 days maximum
To Topcoat: 30-45 minutes, 21 days maximum

ADDITIONAL INFORMATION:

- ❖ For application below 50°F, please contact your technical sales/service representative
- ❖ Excess film thickness will retard dry times and affect time to recoat or topcoat
- ❖ In-Service temperature: Dry Heat @250°F

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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.

