PPG TrueFinish®
Industrial Coatings

SPECTRACRON® 560 Wet-On-Wet EPOXY PRIMER

DESCRIPTION:

SPECTRACRON 560 Wet-On-Wet (W-O-W) Epoxy Primer is a two-component 3.5 VOC compliant high solids chrome-free corrosion inhibitive primer. It is specially designed for short wet-on-wet application windows when topcoated with the Spectracron 2K polyurethane enamels.

HIGHLIGHTS:

- Designed to be sprayed wet-on-wet
- Compatible with the Spectracron 2K polyurethane topcoats
- Excellent corrosion resistance over cleaned and treated steel
- Excellent adhesion to cleaned G90 galvanized steel and aluminum
- Excellent adhesion to fiberglass substrates
- VOC ≤ 3.5# / gallon applied; less than 0.17# HAPS / gallon applied

TECHNICAL PROPERTIES:

PROPERTY	METHOD	RESULT
Color		Gray, QAP560-GRY
Gloss @ 60° Angle	ASTM D523	90 +/- 5 units
Pencil Hardness	ASTM D3363	F – 3H (6H after 14 days cure)
Impact Resistance	ASTM D2794	80 in. lbs.
Adhesion - Steel	ASTM D3359	5B
Adhesion – G90 Galvanized	ASTM D3359	5B
Fiberglass – Epoxy Type	ASTM D3359	5B
Fiberglass – Polyester Type (must abrade surface)	ASTM D3359	5B
Plastics (Noryl & SMC)		5B
Humidity Resistance	ASTM D2247	1000 Hours 3-5 mm creepage, no blisters or delamination
Salt Spray Resistance	ASTM B117	1000 Hours 3-5 mm creepage, no blisters or delamination
In Service Temperature		200°F
Substrates		CRS, blasted steel, aluminum, fiberglass & some plastics
Spectracron Topcoats		300, 350, 360, 380, 390

PHYSICAL PROPERTIES: (Blended 4:1 with Q5501 Hardener)

PROPERTY	VALUE
Weight per gallon	12.4 ± 0.2 lbs / gallon
Solid % (Weight)	73.3 ± 2.0%
Solid % (Volume)	53.9 ± 1.0%
Flash Point	
SPECTRACRON 560	92^0 F (33^0 C) PMCC
SPECTRACRON 5501	80^0 F (27^0 C) PMCC
VOC	≤3.5 lbs / gallon mixed
Coverage	849 – 881 sq ft / gallon @ 1 mil (no loss)
Shelf Life	12 months unopened

Do not attempt to use this product without the current Material Safety Data Sheet.
Revision Date: 3/2007

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SURFACE PREPARATION:

The surface must be clean and free of all contamination. A chemical pretreatment such as PPG Chemfos® KA Cleaner Coater or similar conversion coating and / or primer will improve the performance properties of the coating system. See your PPG Representative for recommendations.

APPLICATION DATA:

APPLICATION DATA	BLENDED
Mixing Instructions	Mix 4 parts SPECTRACRON 560 to 1 part of SPECTRACRON 5501 by volume. No digestion period required.
Wet Film Thickness	2.4 – 3.0 mils
Dry Film Thickness	1.25 – 1.5 mils
Thinner / Reduction	None required
Clean up	Spectrathin® TFS909, clean up solvent
Pot Life @ 77ºF	8 hours @ 77°F
Viscosity - Zahn #3 EZ Cup	12 – 20"

SPRAY APPLICATION	SPRAY EQUIPMENT*	FLUID PRESSURE (PSI)	ATOMIZATION PRESSURE (PSI)	FLUID NOZZLE	AIR NOZZLE
Conventional	DeVilbiss MBC-510	8-10	45-55	FF	797
Conventional	Binks – 2001 or 95	8-10	45-55	63C	63PE
Airless	Graco G-40	1800-2400	NA	.011 to .015	NA
Air Assisted Airless	Graco G-40	900-1300	20-40	.011 to .015	Alpha
HVLP	DeVilbiss – JGHV	8-10	55-60	FF	#46 MP

*Or Equivalent Brands

DRY TIMES	CURE SCHEDULE Air Dry @ 77°F @ 1.2 Mil DFT
Dry to touch	30 – 40 minutes
Dry to handle	90 – 120 minutes
To Recoat	10 minutes minimum as a wet-on-wet system or up to 1 day with Spectracron Polyurethane Topcoats
Force Dry	Flash 10 – 15 min. @ ambient; then 15 - 20 min. @ 160 - 180°F

ADDITIONAL INFORMATION:

- Must be abraded after 14 day cure
- For application below 50°F, please contact your technical sales/service representative
- Excess film thickness will retard dry times and affect the wet- on-wet recoat window
- In-Service temperature: Dry Heat @250°F

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.

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