



SPECTRACRON® 360 2K HS EXTERIOR GRADE URETHANE

DESCRIPTION:

SPECTRACRON 360 2K HS Exterior Grade Urethane is a 2-component high solids urethane. The product has excellent exterior durability, mar and chemical resistance when catalyzed with Q3501 or GXH1086 exterior catalyst.

HIGHLIGHTS:

- ❖ Excellent gloss and color retention
- ❖ Excellent mar resistance
- ❖ Excellent chemical resistance
- ❖ Contains no heavy metals
- ❖ Low VOC

TECHNICAL PROPERTIES*:

PROPERTY	METHOD	RESULT
Color		Wide Variety
Gloss @ 60° Angle	ASTM D523	20 - 90
Pencil Hardness	ASTM D3363	H - 2H
Conical Mandrel	ASTM D522	Excellent
Adhesion	ASTM D3359	Excellent
Humidity Resistance 100Hrs	ASTM D2247	Excellent
Salt Spray Resistance 200 Hrs	ASTM B117	Excellent
Chemical Resistance		Excellent
Abrasion Resistance		Excellent
Substrates		CRS, HRS, Galv
Recommended Primers		SPECTRACRON 501,521,531,571,W43181A

*Results obtained over primed CRS panels catalyzed with Q3501 / GXH1086.

PHYSICAL PROPERTIES:

PROPERTY	BLENDED
Weight per gallon (lbs/gallon)	9.5 ± 0.5
Solid % (Weight)	65 ± 5%
Solid % (Volume)	57 ± 5%
Flash Point	
SPECTRACRON 360	85°F (29°C)
SPECTRACRON Q3501	355°F (179°C)
GXH1086	102°F (39°C)
VOC	3.5 lbs/gallon (maximum)
Coverage @1 mil-no loss	834 - 994 ft
Shelf Life – Each Component	12 months



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SURFACE PREPARATION:

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

APPLICATION DATA:

APPLICATION	BLENDED
Mixing Instructions, low to intermediate gloss product	Mix 6 parts SPECTRACRON 360 Component A to 1 part SPECTRACRON 3501 Component B by volume. Mix thoroughly
Mixing Instructions, high gloss product	Mix 5 parts SPECTRACRON 360 Component A to 1 part SPECTRACRON 3501 Component B by volume. Mix thoroughly
Mixing Instructions, Plural Component Spray Equipment	Set mix ratio to 4 parts SPECTRACRON 360 Component A to 1 part GXH1086 Component B by volume
Wet Film Thickness	2.5 – 4.5 mils
Dry Film Thickness	1.5 – 2.5 mils
Thinner	MAK or MEK
Clean up	MEK
Pot Life @ 77°F	1.5 – 2.5 hours

SPRAY APPLICATION	SPRAY EQUIPMENT	PRESSURE POT	PRESSURE (PSI)	ATOMIZING AIR (PSI)	TIP
Conventional	Binks 2001 *	NA	50	NA	66 SD
Conventional	Graco Delta Air *	¼" Fluid	50	5-10	.042
HVLP	Binks 2001 HVLP *	NA	50	NA	NA

*Or Equivalent

CURE SCHEDULE Air Dry @ 77°F @ 1 Mil DFT	BLENDED
Dry to touch	1-2 hours
Dry to handle	4 hours
To Recoat	1-2 hours
Force Dry	Flash 10 min. @ ambient: 20 min. @ 180°F

ADDITIONAL INFORMATION:

- ❖ For application below 50°F, please contact your technical sales/service representative
- ❖ After 24 hours, mechanically abrade the surface before recoating
- ❖ In-Service Temperature: 200°F (maximum)
- ❖ Avoid moisture contamination of the SPECTRACRON 3501 and GXH1086 Components
Moisture can gel the material and affect performance properties
- ❖ In general, accelerators not required

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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.

