

## AQUACRON® 8135 WATER REDUCIBLE PRIMER / FINISH

### DESCRIPTION:

**AQUACRON® 8135 Water Reducible Primer / Finish** is a black, low gloss, fast drying interior/exterior primer/finish intended for industrial use on bare or primed metal. Suitable applications include metal fabrication, automotive underbody parts, undercarriages of trailers and brake shoes.

### HIGHLIGHTS:

- ❖ Excellent corrosion protection
- ❖ Interior & exterior applications
- ❖ Low VOC, low odor and HAPs free
- ❖ Can be used as a primer or finish coat
- ❖ Contains no heavy metals
- ❖ Tap water reduction & clean up
- ❖ Higher flash point than solvent borne coatings

### TECHNICAL PROPERTIES:

PROPERTY	METHOD	RESULT*
Color		Black (Q8135-BLK) Gray (QAP811-GRY)
Gloss Range @ 60° Angle	ASTM D523	24 – 40
Pencil Hardness	ASTM D3363	HB
Conical Mandrel (1/8")	ASTM D522	Pass
Adhesion	ASTM 3359	5B, Excellent
Humidity – 300 Hrs.	ASTM D2247	Good
Salt Spray – 500 Hrs.	ASTM B117	Excellent
Chemical Resistance		Good
Substrates		CRS, HRS, Aluminum
Recommended Topcoat (if used)		AQUACRON: MV380, MV488, 880, 890

\*These results were obtained over iron phosphated CRS panels.

### PHYSICAL PROPERTIES:

PROPERTY	VALUE
Weight per gallon	9.43 ± 0.2 lbs./gal.
Weight Solids (%)	44.2 ± 2.0
Volume Solids (%)	35.0 ± 1.0
VOC (less water)	2.2 lbs./gal.
VOE (actual)	1.1 lbs./gal.
Flash Point	147°F (64°C)
Coverage (@ 1 mil, no loss)	563 – 610 sq. ft./gal.
Shelf Life - unopened container	1 year

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### SURFACE PREPARATION:

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

### APPLICATION DATA:

Mixing Instructions: Mix thoroughly before and during use  
 Wet Film Thickness: 2.5 – 5.5 mils  
 Dry Film Thickness: 1.0 – 2.0 mils  
 Reducer: Water (up to 10% for conventional spray application)  
 Spray Viscosity: 18 - 24" #3 EZ Zahn  
 Brush Application: High quality nylon polyester bristle brush (for touch-up only)  
 Roller Application: 3/8" nap, solvent resistant core (for touch-up only)  
 Line Flush/Clean Up: Soap & water, MV398 Equipment Cleaner

SPRAY APPLICATION	SPRAY EQUIPMENT*	FLUID PRESSURE (psi)	ATOMIZATION PRESSURE (psi)	FLUID NOZZLE	AIR NOZZLE
Conventional	Binks 95	8 - 10	45 - 55	66SS (0.070", 1.8mm)	66PR
HVLP	DeVilbiss JGHV-531	8 – 10**	55 - 60	FF	46MP
Air Assisted Airless	Graco Alpha A.A.	1000 - 1500	30 - 50	0.011 – 0.013"	239781
Airless	Graco Airless	1800 - 2300	n/a	0.013 – 0.015"	n/a

\*or equivalent

\*\*atomization pressure should read <10 psi @ the cap

### CURE SCHEDULES:

<b>Air-dry (assumes 77°F &amp; 50% Relative Humidity)*</b>	<b>Bake / Force Cure</b>
To Touch: 10 min.	Flash Time: 10 min. (ambient)
To Handle: 15 – 25 min.	Substrate Temp: 120 – 160°F
To Topcoat: 20 – 45 min or when dry to touch	Bake Time: 5 – 20 min.
To Dry: 4-8 Hours*	

\* This condition does not mean that the paint film has reached full cure. Paint film is not fully cured for 7 days. It is a stage where handling can be achieved without loosening, wrinkling or otherwise marring the film under minimal pressure from fingers or hands.

### ADDITIONAL INFORMATION:

- ❖ Do not apply at temperatures below 50°F
- ❖ Excess film thickness and high humidity will retard dry times
- ❖ Dry times can be improved with air movement
- ❖ In-Service Temperature: 120°F
- ❖ Protect from freezing
- ❖ Not recommended for use on galvanized, galvalume or zinc rich surfaces

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**CONTACT 1-866-PPG TRUE**

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