



AQUACRON® 8135 WATER REDUCIBLE PRIMER/FINISH

DESCRIPTION:

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

HIGHLIGHTS:

- ❖ Excellent corrosion protection
- ❖ Low VOC, Low odor and HAPS free
- ❖ Can be used as a primer or low gloss finish coat
- ❖ Very good gloss and holdout properties when topcoated
- ❖ Contains no heavy metals
- ❖ Tap Water reduction and clean-up
- ❖ Flashpoint higher than solvent borne coatings

TECHNICAL PROPERTIES*:

PROPERTY	METHOD	RESULT
Color		Black Q8135-BLK
Gloss @ 60° Angle	ASTM D523	24 - 40
Pencil Hardness	ASTM D3363	HB
Conical Mandrel	ASTM D522	Pass
Adhesion	ASTM D3359	5B – Excellent
Humidity Resistance 300Hrs	ASTM D2247	Good
Salt Spray Resistance 500 Hrs	ASTM B117	Excellent
Chemical Resistance		Good
Substrates		CRS, HRS, Alum
Topcoat (If Used)		AQUACRON 880

*Results obtained over iron phosphated CRS panel

PHYSICAL PROPERTIES:

PROPERTY	VALUE
Weight per gallon	9.48 ± 0.2 lbs / gallon
Solid % (Weight)	46.2 ± 2%
Solid % (Volume)	37.0 ± 1%
Flash Point (PMCC)	147°F (64°C)
VOC (less water)	2.2 lbs / gallon maximum
VOE	1.1 lbs / gallon maximum
Coverage	577 - 610 sq ft / gallon @ 1 mil (no loss)
Shelf Life	9 months

Do not attempt to use this product without the current Material Safety Data Sheet.
Revision Date: 4/2007



AQUACRON® 8135 WATER REDUCIBLE PRIMER/FINISH

SURFACE PREPARATION:

The surface should be clean and free of all contamination. Chemical treatment or the use of a topcoat will improve the adhesion and performance properties.

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
Thinner: Water – up to 10% for conventional spray application
Brush Application: High Quality Nylon Polyester Bristle Brush (touch up only)
Roller Application: 3/8" Nap Solvent Resistant Core (touch up only)
Clean up: Soap and water (if dried, Butyl Cellosolve and/or Ketones)

SPRAY APPLICATION	SPRAY EQUIPMENT	PRESSURE POT	PRESSURE (PSI)	ATOMIZING AIR (PSI)	TIP
Conventional	Binks 95 *	3/8" Fluid	8 - 10	45 - 55	63Css X 63PE
HVLP	DeVilbiss JGHV-531*	3/8" Fluid	8 - 10	55 - 60	FF
Air Assisted Airless	Graco Alpha A.A.*	NA	1000-1500	30-50	.011 - .013
Airless	Graco Airless	NA	1800-2300	NA	.013 - .015

*Or Equivalent

CURE SCHEDULE:

Air Dry @ 77°F: Dry to touch: 10 minutes
Dry to handle: 15-25 minutes
To Topcoat: 20-45 minutes (or when coating is dry to touch)
Force Dry: Flash 10 min @ ambient, then 5-20 minutes up to 120-160°F

ADDITIONAL INFORMATION:

- ❖ For application below 60°F, please contact your technical sales/service representative
- ❖ Protect from freezing
- ❖ In-Service Temperature: 120°F
- ❖ Excessive film thickness will retard dry times
- ❖ Poor air movement in drying area will significantly increase dry time of product
- ❖ Product is not recommended for use over galvanized substrates

AQUACRON® is a registered trademark of PPG Industries, Inc.
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.

