



AROFLINT® Non-Isocyanate Resin Systems

AROFLINT two-component polyester-epoxy resin systems are designed for high performance coatings where excellent appearance, durability and toughness are required. These systems provide performance comparable to 2K urethanes without the risks associated with handling isocyanates.

Epoxy and Polyester Resins

Epoxy Resin	EEW, Solids (Average)	% Solids, Weight	Solvent Cut	Feature
AROFLINT 303-X-90	195	90	Xylene	Economical for medium-duty applications
AROFLINT 608	255	100	n/a	Durability
Polyester Resin	AEW, Solids (Average)	% Solids, Weight	Solvent Cut	Feature
AROFLINT 252-Z1-60	524	60	Mineral Spirits, IBIB, Aromatic 100	Flexibility, durability
AROFLINT 404-XX-60	351	60	nBuAc, VM&P, n-Butanol, Ethylbenzene	Adhesion, hardness, corrosion resistance
AROFLINT D808-XD-71	468	71	Xylene, Isopropanol, PM Glycol Ether	Solvent resistance
AROFLINT 809 *	432	71	MAK, PM Glycol Ether, n-Butanol	HAP's compliant, low VOC capability, durability
AROFLINT 810	529	70	MAK, PM Glycol Ether, Isopropanol	HAP's compliant, improved dry & hardness

* Formerly AROFLINT 91-314

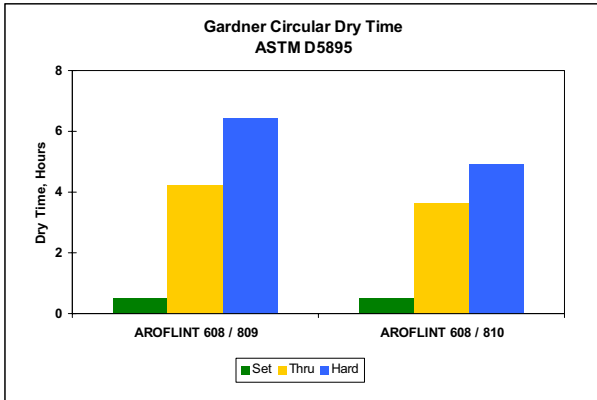
Features / Benefits and End-Use Applications

Features / Benefits	Applications
Outstanding stain and chemical (acid) resistance	Agricultural and construction equipment (ACE)
Brilliant gloss and depth of image for a wet look	Porcelain coatings and bathtub refinish
Excellent durability for long-term color and gloss retention	Transportation and aerospace coatings
Easy to touch-up or recoat with minimal surface preparation	Commercial, service, recreational and health care facilities
Mildew resistant films that hold up in damp environments	Industrial maintenance and tank coatings
Low VOC capability to meet 250 g/L requirements	Food service and processing facilities
Non-isocyanate for improved worker safety	Public and industrial buildings
Wide formulating latitude for optimum balance of properties	Miscellaneous (oil well equipment, battery racks, wood coatings)

Performance of AROFLINT® 608 Epoxy with AROFLINT® 809 & AROFLINT® 810 Polyester

White Enamel Formula: Air Dry at 77° F / 50% Relative Humidity	AROFLINT 608 / AROFLINT 809	AROFLINT 608 / AROFLINT 810
Stoichiometric Epoxy : Acid Ratio	1.6 : 1	1.6 : 1
VOC, g/L	228	233
Gloss, 60° / 20°	94 / 86	95 / 89
Depth of Image	90 – 100	90 – 100
Gardner Circular Dry Time, Set / Thru / Hard	0.5 / 4.2 / 6.4 Hours	0.5 / 3.6 / 4.9 Hours
Zapon Tack Free, 0g & 200g, Hours	0g: 5 Hours	0g: 3 Hours / 200g: 5 Hours
König Hardness, 1 / 3 / 7 Days	35 / 76 / 109	54 / 112 / 136
MEK Double Rubs, 1 / 3 / 7 Days	82 / 101 / 133	106 / 183 / 250

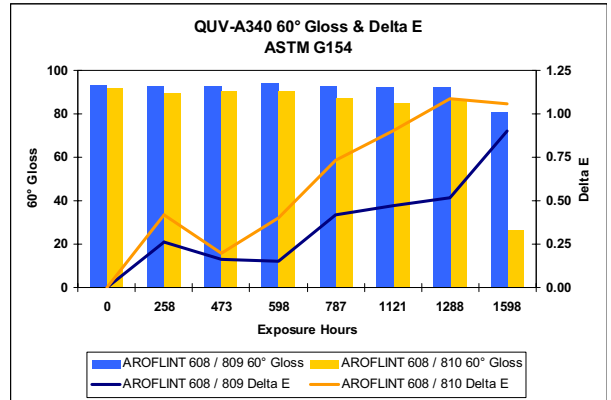
**Gardner Circular Dry Time:
Air Dry at 77° F / 50% Relative Humidity**



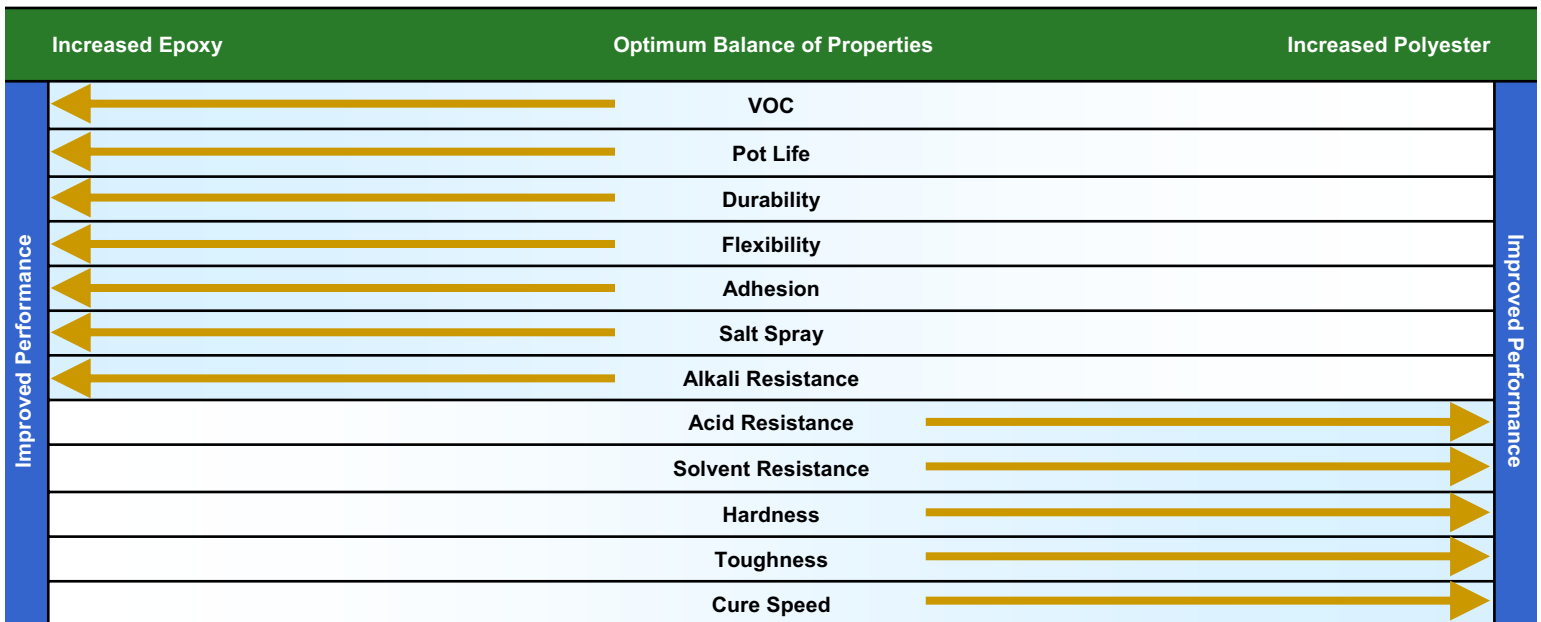
**500 Hour Salt Fog:
2.2 mil DFT on B1000**



**Accelerated Durability:
QUV-A340 Exposure**



**Wide Formulating Latitude:
Effect of Changing Component Ratios for Performance Optimization**



For AROFLINT® product bulletins, visit www.reichhold.com.

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