



Features and Benefits of Aquacron® Primers and Topcoats

The Aquacron® family covers a wide range of features and benefits to fit your customer's needs.

The tables below will help you identify which primer and/or topcoat may be best suited for your customer's unique requirements.

The first table will highlight key features and the second set of tables gives a detailed performance comparison.

Always refer to each of the product's data sheets before recommending any product and/or system to your customer.

Aquacron® Primers

	QAP833 Series	MV447-9303 Alkyd	Q8135-BLK (Alkyd-Acrylic)	MV390-9300 Acrylic
Key Features/Benefits	Economical option Minimal surface prep required Very fast dry time (15 min.) Available in gray, white, red oxide Shop primer performance	Good alkyd salt spray (250 hrs.) Minimal surface prep required Fast dry (30 min.) Good water spot/humidity res. Can spray at low temp (40°F) Easy to apply Sprays well air-assisted airless	Excellent salt spray (500 hrs.) Fast dry time (10-20 min.) Good block resistance Good hardness (B-H) Can be a monocoat Low VOC (2.2 lbs/gal)	Fast dry time (20-30 min.) Excellent salt spray (up to 1,000 hrs.)* Excellent block resistance Excellent hardness (F-H) Can be a monocoat Lowest VOC (1.78 lbs/gal) Multiple substrate capable
Limitations	Not for galvanized or galvaneal Limited salt spray resistance	Not for galvanized or galvaneal Currently gray only	Not for galvanized or galvaneal Currently low gloss (35°) black and gray only	Currently gray only
Successful End-use Examples	Agricultural equipment Trailers Axles Pumps		Agricultural equipment Trailers Transportation underbody parts	Metal entry doors/jams Electrical transmission equipment Processing equipment

Aquacron® Topcoats

	QT880 Alkyd (Factory Package Blend)	Q890 Series Alkyd (Dry Grind)	MV488 Series Alkyd	MV380 Series Acrylic
Key Features/Benefits	Economical option Good salt spray (200 hrs.) Excellent gloss (>90) & DOI Full gloss range DTM Capable	Excellent high hiding chroma colors (50% usage reduction vs base/tint system) Good salt spray (200 hrs.) DTM capable	Economical option (orders >100 gal) Fast dry time (30 min.) Excellent salt spray (500 hrs. w/ MV447-9303) DTM capable (exterior performance typical of alkyds) No recoat window Easy to apply Sprays well air-assisted airless	Very fast dry time (20-30 min.) Excellent salt spray (up to 1,000 hrs.)* Can be textured Lowest VOC (2.1 lbs/gal) Multiple substrate capable
Limitations	Limited hiding for high chroma colors	Safety color factory-pack offering Custom color avail. w/ 100 gal min. order	Not for galvanized or galvaneal substrates Gloss and color retention typical of alkyds	Gloss range 30 - 70 units (60° angle) DTM interior only Substrate prep critical for DTM application
Successful End-use Examples	Agricultural equipment Trailers Airline ground handling equipment	Agricultural equipment Trailers Propane tanks	Agricultural and construction Trailers Racking/Shelving	Metal entry doors/jams Metal furniture Electrical transmission equipment Processing equipment

*1,000 hrs. obtained over B-1000 panels with chrome sealer and the correct primer build of the MV390-9300 primer / MV380 topcoat system.