



Aquacron™

Water-borne Coating Systems

Featuring advanced primers and topcoats





Aquacron™

Delivering advanced waterborne coatings protection without sacrificing quality, performance or efficiency.

Introducing *Aquacron* primers and topcoats, a breakthrough in waterborne coatings technology developed by PPG, the global leader in surface protection. Utilizing advanced resin systems, this broad portfolio of primers and topcoats delivers dynamic surface protection to manufacturers and custom coaters who seek long-lasting performance without using solvent and chemical reducers.

Complete waterborne protection

Whether you need the strong corrosion resistance of one of our rust-inhibitive primers or the exterior durability of acrylic protection, we've designed these innovative waterborne primers and topcoats to create premium protection over a variety of metal, plastic and fiber glass substrates.

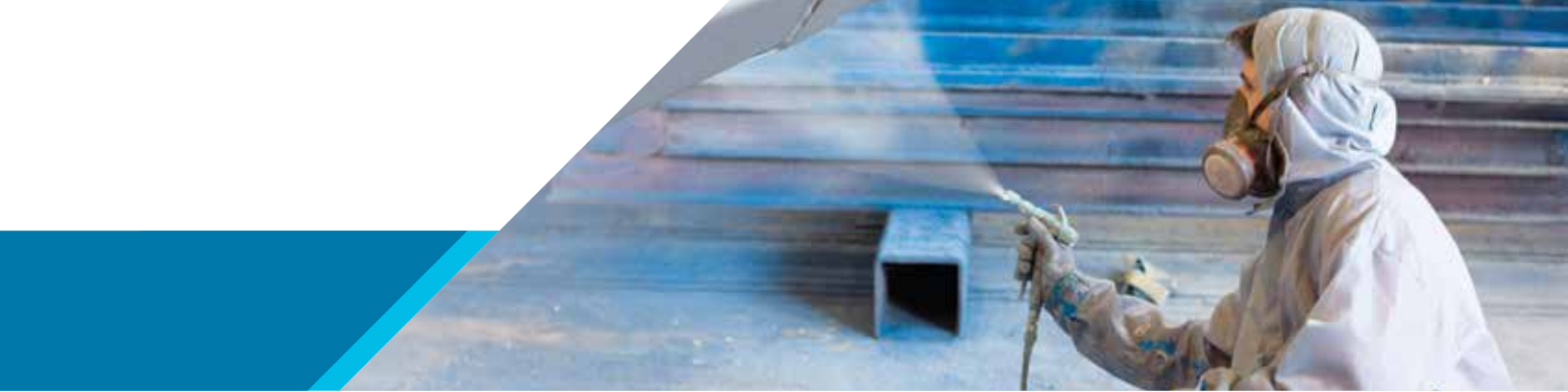
Accelerated performance

Engineered for production where speed is critical, the accelerated dry time of these waterborne coatings will keep your operation moving efficiently.

Responsible manufacturing

Aquacron primers and topcoats create excellent protection where flammability and solvent issues are critical. The waterborne formulations can help reduce VOC emissions over solvent-borne coatings and, through tap water reduction, eliminate the need for solvent reducers.





Training And Support

A partnership with PPG extends well past great paints. We'll work alongside your business to provide the detailed training, start-up assistance and everyday support your business needs to operate in this fast-paced environment.



Application Training

We'll work with your team to establish best practices that include setting your equipment, training your operators and fine-tuning your processes.



Quality Specifications

Your local *TrueFinish* specialist will help design your coatings system so that it meets your production and performance needs.



Ongoing System Support

We'll make sure you get the maintenance and supervision your system needs, through local color matching, performance testing and line audits.

Inventory Management Program

When you partner with PPG, you get a personalized inventory management program so you have the materials you need, when you need them. We'll keep your materials stocked in our local professional service centers, based on the minimum levels you require.

Utilizing our local distribution, you take the risk out of just-in-time inventory management and reduce the amount of material stocked on your shop floor.





Aquacron™

Waterborne Primers

Aquacron primers are designed to create versatility for your operation through fast dry times, easy clean-up and tap-water reduction. With shop primers, performance primers and primer-surfacers in alkyd and acrylic technologies, this innovative primer portfolio will lay the foundation for strong substrate protection.

ALKYD

Aquacron 833 Series **Water-Reducible Shop Primer**

- Economical shop primer
- Fast drying
- Ready to spray
- Low odor
- Contains no heavy metals
- VOC: 2.8 lbs./gal. (336 g/L)

Substrates:

- Cold-rolled steel
- Hot-rolled steel

Ideal for:

Steel substrates where limited corrosion resistance is needed from an economical shop primer

Aquacron 835 Series Water- **Reducible Performance Primer**

- Rust-inhibitive for strong corrosion resistance
- Excellent early water spot-resistance
- Fast drying
- Low odor
- Contains no heavy metals
- VOC: 2.8 lbs./gal. (336 g/L)

Substrates:

- Cold-rolled steel
- Hot-rolled steel

Ideal for:

Steel substrates where durable exterior protection and corrosion resistance is needed

Aquacron 447-9303 Series **Water-Reducible Alkyd Primer**

- Ultra-smooth application characteristics
- Rust-inhibitive for strong corrosion resistance
- Good, early-water spot-resistance
- Fast drying
- HAPS Free
- VOC: 2.8 lbs./gal. (336 g/L)

Substrates:

- Cold-rolled steel
- Hot-rolled steel

Ideal for:

Steel substrates where an ultra-smooth, high-gloss finish is required for interior and exterior applications





Accelerated performance

- Quick dry times to prime, paint and ship in the same day
- Early water spot-resistance allows you to set your material outdoors quickly
- Primer-finishers to improve shop throughput

Responsible manufacturing

- Reduce VOC emissions compared to high-VOC, solventborne coatings
- Improve workplace safety by eliminating solvent reducers
- Easy clean-up with tap water

Complete waterborne protection

- Rust-inhibitive performance that defends against corrosion
- Protection against oils, grease and harsh chemicals
- Excellent adhesion to a wide variety of substrates

Local availability

- Products available through local
- Sites provide local color matching, stocking and delivery

ACRYLIC

Aquacron 8135 Series Water-Reducible Primer Finisher

- Can be used as a primer or finish coat
- Rust-inhibitive for strong corrosion resistance
- Great exterior durability
- Fast drying
- HAPS Free
- VOC: 2.26 lbs./gal. (271 g/L)

Substrates:

- Cold-rolled steel - Hot-rolled steel
- Aluminum

Ideal for:

Steel and aluminum substrates where a low-gloss, factory-packed black is needed to deliver strong corrosion protection and fast dry times

Aquacron AUTOPRIME™ W44250 Primer Finisher

- Can be used as a primer or finish coat
- Outstanding adhesion
- Excellent chip resistance
- Excellent corrosion resistance
- Very fast drying
- VOC: 0.50 lbs./gal. (60 g/L)

Substrates:

- Cold-rolled steel - Aluminum
- Hot-rolled steel - Galvanized

Ideal for:

Automotive and underbody applications where an extremely fast dry time, ultra-low VOCs (0.50 lbs./gal.) and strong adhesion are needed

Aquacron 390-9300 Series Waterborne Acrylic Primer

- Can be used as a primer or finish coat
- Outstanding adhesion
- Excellent chip resistance
- Excellent corrosion resistance
- Very fast drying
- 1.78 lbs./gal (214 g/L)

Substrates:

- Cold-rolled steel - Fiberglass
- Hot -rolled steel - Plexiglass
- Galvaneal - PVC plastics

Ideal for:

Product finishing applications that require a quick turnaround time and strong adhesion across a wide range of substrates.





Aquacron®

Waterborne Topcoats

With products that can deliver dynamic color retention, exterior durability and chemical resistance, *Aquacron* topcoats create powerful waterborne protection without sacrificing performance integrity. This cutting-edge waterborne topcoat portfolio consists of a broad selection of fast-drying alkyd, acrylic and urethane technologies that can be formulated into a wide range of colors and gloss levels.

ALKYD

Aquacron 488 Series **Water-Reducible Alkyd Enamel**

- Excellent application capabilities
- Excellent flow and leveling
- Wide range of performance properties
- Fast drying
- Low odor
- Contains no heavy metals
- VOC: 2.8 lbs./gal. (336 g/L)

Substrates:

- Cold-rolled steel
- Hot-rolled steel

Ideal for:

Steel substrates when a smooth, high-gloss finish is required

Aquacron 880 Series **Water-Reducible Alkyd Enamel**

- Fast drying
- Strong hardness, exterior durable
- Strong adhesion
- Full spectrum of custom colors and glosses
- Low odor
- VOC: 2.8 lbs./gal. (336 g/L)

Substrates:

- Cold-rolled steel
- Hot-rolled steel

Ideal for:

A wide balance of performance properties, whether you need exterior durability or a smooth, hard finish over steel substrates

Aquacron 890 Series **Factory-Packed Enamels**

- Excellent hiding and coverage
- Very fast drying
- Can be applied direct-to-metal
- Strong corrosion resistance
- Low odor
- HAPS free
- VOC < 3.20 lbs./gal. (384 g/L)

Substrates:

- Cold-rolled steel
- Aluminum
- Hot-rolled steel

Ideal for:

Excellent coverage and hiding for high-chroma colors





Accelerated performance

- Quick dry times to prime, paint and ship in the same day
- Excellent block resistance so you can stack and pack quickly
- Quick-turn custom color matching

Responsible manufacturing

- Reduce VOC emissions compared to high-VOC, solvent-borne coatings
- Improve workplace safety by eliminating solvent reducers
- Low-odor formulations

Complete waterborne protection

- Long-lasting exterior protection against weather-related exposure
- Excellent hardness, combined with thin-film flexibility to protect against impacts
- Strong adhesion and mar resistance, reducing the need for touch-up

Local availability

- Products available through local PPG professional service centers
- Sites provide local color matching, stocking and delivery

ACRYLIC URETHANE

Aquacron 380 Series Waterborne Acrylic Enamel

- Very fast drying
- Excellent block and chemical resistance
- Excellent flexibility
- Strong adhesion to a variety of substrates
- Contains no heavy metals
- VOC: 2.02 lbs./gal. (242 g/L)

Substrates:

- Cold-rolled steel
- Plastic
- Aluminum
- Fiberglass
- Galvaneal

Ideal for:

Long-lasting exterior durability, chemical resistance and flexibility with strong adhesion to a wide range of metal, plastic and fiberglass substrates

Aquacron 870 Series Waterborne Acrylic Polyurethane Enamel

- Single-component urethane performance
- Very fast drying
- Excellent block and impact resistance
- Strong adhesion to a variety of substrates
- No heavy metals, no flash point
- VOC: 2.0 lbs./gal. (240 g/L)

Substrates:

- Cold-rolled steel
- PVC Plastics
- Hot-rolled steel
- Polycarbonate
- ABS Plastic

Ideal for:

Outstanding urethane quality protection that achieves robust adhesion, flexibility and impact resistance across a variety of substrates

Aquacron 200 Series Waterborne Acrylic Polyurethane Enamel

- Single-component urethane performance
- Excellent exterior durability
- Can be tinted with heat-reflective pigments
- Excellent block resistance
- Strong adhesion to a variety of substrates
- VOC < 2.0 lbs./gal (240 g/L)

Substrates:

- PVC Plastics
- Fiberglass
- ABS Plastic
- Fiberboard
- Vinyl
- Pine & Poplar

Ideal for:

Outstanding exterior urethane quality protection on difficult-to-adhere-to substrates like exterior vinyl, plastics and composite materials.



Compatibility chart

Creating the coatings protection you need starts with selecting the right product, for the right application. Our PPG TrueFinish specialists are cross-trained in a multitude of product technologies to help you identify the best combination of products and application methods to ensure you reach your performance goals.

PPG Aquacron™		Aquacron Primers					
		833 Series	835 Series	447-9303 Series	390-9300 Series	8135 Series	W44250
Aquacron Topcoats	488 Series	✓	✓	✓	X	✓	X
	880 Series	✓	✓	✓	X	✓	X
	890 Series	✓	✓	✓	X	✓	X
	380 Series	X	X	X	✓	✓	X
	870 Series	X	X	X	✓	X	X
	200 Series	X	X	X	✓	X	X

Coatings for every market

By connecting world-class technology with local resources, PPG TrueFinish Industrial Coatings delivers personalized solutions to manufacturers and custom coaters who need quick, reliable and effective service to accelerate their business. To learn more about PPG TrueFinish products contact us using the information below.



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