



AquaEC™ A400 and AquaEC A600

Single-layer e-coats or
primers for long-lasting
protection.



AN AXALTA COATING SYSTEMS BRAND

AquaEC A400 and AquaEC A600

Single-layer e-coats or primers for long-lasting protection.

AquaEC A400 (1K) and AquaEC A600 (2K) from Axalta Coatings Systems are single-layer anodic polyester E-Coats or primers mainly used for coating household goods and steel furniture. These E-Coats are particularly suitable for radiators and other indoor objects that have a complex shape, as they offer outstanding throwing power and excellent color retention on a wide range of substrates. Applied as a thin, single-layer decorative coating, AquaEC A400 and AquaEC A600 provide good corrosion protection and water resistance for interior applications, and also offer great ease of use. Primer or single-layer AquaEC A400 and AquaEC A600 can be cross-linked at 160°C, working well with minimal curing conditions and a film thickness range of 10µ to 30µ.

The water-based AquaEC A400 and AquaEC A600 are designed to be very environmental responsible since they contain no lead or tin, and are both HAPS and REACH compliant. They both demonstrate reliable UV-resistance and excellent mechanical properties.



Highlights:

- Single layer or primer
- Good UV-resistance
- Reliable corrosion protection
- Excellent color control
- Environmentally responsible - low solvent emission, free of heavy metals
- Suitable for a wide range of substrates
- High yield, excellent transfer efficiency
- Smooth surface finish
- Compatible with new conversions pretreatment

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AquaEC A400 and AquaEC A600

Attribute:

AquaEC A400

AquaEC A600

VOC (lbs./gal) – RACT(NSPS)

1,7 - 4,5 % (VOL-EU)

0,7 - 1,3% (Vol-EU)

Film Properties:

	AquaEC A400	AquaEC A600
Coating thickness	10 -30 µm	10 -30 µm
Salt Spray	168 hrs creep < 2mm	168 hrs creep < 2mm
Crosshatch adhesion	GTO - 1	GTO - 1
Humidity	500 hrs no changes	500 hrs no changes
Water immersion	240 hrs / RT no changes	240 hrs / RT no changes
Erichsen Cupping Test	≥ 4 mm	≥ 4 mm
Cylindrical Mandrel	8 mm	8 mm
Recommended Bake:	140°C - 205 °C	160°C - 210°C
Minimum Bake	25 minutes at 140°C	13 minutes at 160°C

Commercial Uses/Approvals:

Automotive

Truck & Bus

Automotive parts and accessories

Appliances



General Industrial

Agricultural equipment

Office and patio furniture



Sports/Recreation/Exercise

General Finishing

HVAC



Military

Decorative

Castings

Electronics

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