



Electrocoat Aqua AED 400 and Aqua AED 600

Single-layer
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for long-lasting
protection.





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Aqua AED 400 (1K) et Aqua AED 600 (2K) from Axalta Coatings Systems are single-layer Anodic polyester e-coats or primers mainly used for coating household goods and steel furniture. They are particularly suitable for radiators and other indoor objects that have a complex shape, as they offer outstanding throwing power and excellent colour retention on a wide range of substrates. Applied as a thin, single-layer decorative coating, Aqua AED 400 and Aqua AED 600 provide good corrosion protection and water resistance for interior applications, and also offer great ease of use. Primer or single-layer Aqua AED 400 and Aqua AED 600 can be cross-linked as of 160°C, working well with minimal curing conditions and a film thickness range of 10µ to 30µ.

But Aqua AED 400 and Aqua AED 600 don't just look great on domestic appliances,. The water-based Aqua AED 400 and Aqua AED 600 are considered to be very environmental friendly since they contain no lead or tin, and are both HAPS and REACH compliant. Reliable UV-resistance and excellent mechanical properties round off their credentials.

Fully automated process: Reliable, proven, low energy, reduced maintenance costs.

Cost control: The controlled film thickness results in a high "first run ok" rate, achieving maximum efficiency.

Ecological: Water-soluble product, free of heavy metals, very low VOC content.

Targeted applications

- Domestic appliances: Washing machines, dishwashers, refrigerators, microwaves
- Electrical equipment: Strip lighting, switch-gear housings
- Steel furniture: Desks, shelves, lockers
- Building industry: Radiators, industrial shelves, aluminium profiles
- Miscellaneous: Windows and door fittings, bicycles, garden and leisure equipment

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

Generic properties

Mechanical properties	Adhesion test	DIN EN ISO 2409		Gt 0 - 1
	Erichsen cupping test	DIN EN ISO 1520		≥ 4 mm
	Cylindrical mandrel	DIN EN ISO 1519		8 mm
Anti-corrosion	Salt spray	DIN EN ISO 9227-NSS	168 h	creep: < 2 mm
	Humidity test	DIN EN ISO 6270-2	500 h	No changes
	Storage in water		240 h / RT	No changes

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