

AquaEC A700



HIGHLIGHTS

- Superior throwing power
- Good UV-resistance and colour retention
- High coating efficiency
- Robust operation window
- Good mechanical properties
- HAPs compliant

- 2K single layer E-Coat or primer
- Anodic electrodeposition paint
- Acrylate-based
- particularly suitable for radiators and household appliances
- Excellent UV resistance and color retention
- Resistant to bacteria contamination

PROPERTIES

VOC	1,172 ± 0,2% VOC-EU
HAPs	< 0,009 lb/gal
Coating thickness	10 – 25 µm
Grid section	GT 0 – GT 1
Erichsen cupping test	≥ 4 mm
Bend test	8 mm
Humidity test DIN EN ISO 6270-2	504 h No change
Salt Spray test DIN EN ISO 9227	168 h d < 2,0 mm
Corrosion cycle test DIN EN ISO 11997-1 Zyklus B	3 cycles d < 0,5mm
Recommended cure conditions	>13 minutes at 160 °C object temperature

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MARKET SEGMENTS

- Radiators
- Washing Machines
- Microwave Ovens
- Refrigerators
- Switchgear
- Steel Furniture
- Industrial Shelving
- Strip Lighting

Application

AquaEC A700 can be applied as an anodic electrodeposition paint on conductive substrates and has been particularly developed as a primer for radiators, household appliances and electrical switch cabinets.

Thanks to a special adjustment of this system, throw power performance on aluminium radiators has been maximised, while at the same time the outer layer thickness has been adjusted to a minimum.

In addition, this system has excellent colour stability. Furthermore, the adhesion properties of subsequent powder coatings are excellent.

The AED 700 technology gives at a minimum film thickness good water and corrosion resistance for household equipment and appliances.

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