

DC5000-FX

Spray coating for aluminium extrusions



The DC5000-FX system uses a proprietary polyester resin that provides a cost-effective coating for aluminum extrusions with outstanding flexibility. DC5000-FX coatings are an ideal choice when post paint forming is needed. The unique resin blend help to eliminate post painting embrittlement that can result in cracking and crazing when forming post painted material.

Meeting the performance requirements for AAMA 2603, DC5000-FX can be applied as a single coat directly to properly cleaned and pretreated aluminum extrusions. Designed for application by electrostatic spray, these coatings provide consistent coverage rates resulting in high mileage to reduce your costs.

Hard to beat

The special resin blend utilized provides extra stain resistance and prevents dirt pick up. The top hardness prevents marring and scratching during transit and assembly to reduce scrap and field touch up. Exceptional adhesion prevents chipping during cutting, drilling, and hole punching.

Best finish

DC5000-FX is available in low to high gloss finishes. A custom intermix system provides fast response to special customer needs.

Highlights

- Specially designed resin system
- Excellent economy
- Single coat or two coat
- Advantages over powder
- AAMA 2603

Ideal end uses

- Automobile, truck and RV doors, windows, trim & molding
- Post paint forming

DuraCoat Products is an Axalta Coating Systems company.

DC5000-CX

Performance characteristics

Specification	Test	Results	
AAMA 6.2	60° Specular gloss	10 - 90°	Gardner 60° meter or equivalent
AAMA 6.3	Dry film hardness	H - 2H	Pencil hardness test, no break in the film
AAMA 6.4	Film adhesion, dry and wet	Pass	No cross hatch adhesion loss with Scotch #610 tape
AAMA 6.5	Impact resistance deform 3mm	Pass	No cross hatch - tape adhesion loss
AAMA 6.6	Chemical resistance	Pass	Minimal staining, no loss of film integrity
AAMA 7.8.1	Humidity test (1500 hours)	Pass	No more than few No. 8 blisters
AAMA 6.7.2	Salt spray corrosion test (1500 hours)	Pass	Less than 1.6mm creep at the scribe and a few No. 8 blisters
AAMA 6.8	Weathering 45° South Florida (exposure for 1 year)	Pass	No objectionable gloss loss or chalking, color less than 5 DE, chalk less than 8