

LORIN

Comparison - Paint/Anodized

Characteristic	PVDF Paints, Typical	Anodized , Typical
Color Selection	Unlimited for interiors, See exterior restrictions	Unlimited for interiors, natural metals look for exterior
Color Retention Weatherability	5 to 8 Delta E max	<5 Delta E max
Detergent Resistance	No Effect per ASTM D2248	No Effect per ASTM D2248
Visual Quality	Opaque Layer – Will Hide Metallic Appearance	Translucent Layer - Enhances Metallic Appearance
Humidity	Passes 2000 hrs	Passes 2000 hrs
Corrosion Resistance [Salt Spray]	Passes 1000 hrs per ASTM B117	Passes 1000 hrs per ASTM B117
Pencil Hardness	HB to 2H per ASTM D3363-05	9H [Full Hard] per ASTM D3363-05
Abrasion [Falling Sand]	Pass 50 – 60 Liters per ASTM D968-93	Pass 100 liters per ASTM D968-93
Smoke	Low Smoke Generation	No Smoke Generation
Chip, Flake or Peel	May Chip, Flake or Peel	Will Not Chip, Flake or Peel
Electrically Insulative	No	Yes
Volatile Organic Compounds	Contains VOC's	No VOC's
Warranty	Warranty - 20 to 30 years (<i>semi-annual cleaning</i>)	Standard Surface Warranty - 20 years (<i>wash every other year</i>) Estimated lifetime savings over 20 years (<i>10 x \$1500 = \$15,000</i>) estimated savings \$15,000
Gloss Uniformity	Within range per ASTM D523	Within range per ASTM D523
Chemical Resistance	Yes (Muriatic Acid)	No (Muriatic Acid)
Thermal Crazing	No test data	No thermal crazing under 180° F
Crazing for Forming	Yes	Yes