

Technical Data Sheet for Pre-Anodized Aluminum

Technical Data For Anodic Film
 Thickness .000250

Applicable Test Standards

Test Method	Description
ASTM B117	Standard Method of Salt Spray (Fog) Testing
ASTM B136	Standard Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum
ASTM B137	Standard Method of Measurement of Weight of Coatings on Anodically Coated Aluminum
ASTM B244	Standard Method for Measurement of Thickness of Anodic Coatings on Aluminum and Other Non-Magnetic Metals with Eddy Current Instrument
ASTM B680	Standard Test Method for Seal Quality of Anodic Coatings on Aluminum by Acid Dissolution
ASTM D2247	Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity
ASTM D4060	Standard Test Method for Abrasion Resistance for Organic Coatings with the Taber Abraser

Properties & Characteristics

Characteristics	Test Method	Results
Corrosion Resistance	ASTM B117: 200 Hours Neutral Salt	No Corrosion
Stain Resistance	ASTM B136	No Stain
Coating Weight	ASTM B137: Coating Weight	3.8 - 9.5 mg/in ²
Coating Thickness	ASTM B244: Coating Thickness	0.1 - 0.25 mil
Seal Quality	ASTM B680: Acid Dissolution	1.3 mg/in ² max (20 mg/dm ²)
Humidity Resistance	ASTM D2247: 100% Relative Humidity, 43 degrees Celsius, 1000 Hours	Slight Bloom, No Corrosion
Abrasion Resistance	ASTM D4060: CS10 Wheel, 1000 Grams Load, 100 Cycles	Less than 1.5 mg per 100 Cycles
Color Uniformity	HunterLab Tristimus Colorimeter	Specification is Color Specific