

## ALESTA AR400\*

**Number:** HFA614B2

**Name:** AR400 Silversmith

**April 9, 2020**

**Type:** HAA Polyester

Alesta Group Code: SD2010000016

### POWDER PROPERTIES

ASTM D5965-96, C	Specific Gravity	1.41 ±0.05
	Theoretical Coverage	136 ft <sup>2</sup> /lb/mil
ASTM D3451-92, 13	Mass Loss During Cure	< 1%
	Recommended Shelf Life:	12Months @ 75°F

### COATING PROPERTIES

ASTM D523-89	Gloss at 60°	22-32
DPC TM 10.219	PCI Powder Smoothness	7
ASTM D2454-95	Overbake Resistance, Time	100%
ASTM D3363-92a	Pencil Hardness	2H
ASTM D2794-93	Direct Impact, Gardner	30 in/lbs
ASTM D3359-97	Adhesion, Cross Hatch	5B Pass
ASTM D522-93a	Flexibility, Mandrel	1/8 in. dia., no fracture
ASTM B117-97	Salt Spray	3000 hrs
UL DTOV2 Organic Coating	Steel Enclosures, Elect. Eq.	Recognized
AAMA 2604-05	High Performance Organic Coatings on Aluminum Extrusions	Passed

### APPLICATION

*Electrostatic Spray, Cold*

*Substrate: Aluminum*

*Pretreatment: Chrome Phosphate*

#### CURE SCHEDULE:

*(Time at substrate temperature)*

**10 Minutes @ 400°F**

**FILM THICKNESS: 2.5-3.5 Mils**

*Product meets performance requirements of AAMA 2604 for High Performance Organic Coatings on Aluminum Extrusions and Panels. The metallic component is mechanically bonded to the base powder, vastly improving application and reclaim behavior when compared to traditional metallic powder coatings.*

*Prepared 6/11/2020*

### ROHS

*Axalta does not intentionally add any RoHS restricted substances to this product, and the product is in conformity with the essential requirements of the following directives of the European Parliament and of the Council: Directive 2015/863; Directive 2011/65/EU; Directive 2002/65/EU; and, Directive 2003/11/EU.*

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**ISO 9001:2015**

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