

ALESTA AR400*

Number: HFH681T0

Name: AR400 METALLIC ASPHALT

Alesta Group Code: SD031C4020020

April 7, 2020

Type: HAA Polyester

POWDER PROPERTIES

ASTM D5965-96, C	Specific Gravity	1.38 ± 0.05
	Theoretical Coverage	139 ft ² /lb/mil
ASTM D3451-92, 13	Mass Loss During Cure	< 1%
	Recommended Shelf Life:	12 Months @ 75 °F

COATING PROPERTIES

ASTM D523-89	Gloss at 60°	Visual
DPC TM 10.219	PCI Powder Smoothness	N/A
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
AAMA 2604-05	High Performance Organic Coatings on Aluminum Extrusions	Passed

APPLICATION

Electrostatic Spray, Cold
Substrate: Aluminum
Pretreatment: Chrome Phosphahte

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 6/16/2020

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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