

ALESTA AR400*

Number: HFS605S8

Name: AR400 What An Orange

Alesta Group Code: SD80002000616

September 2, 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:	24 Months @ 75 °F

COATING PROPERTIES

ASTM D523-89	Gloss at 60°	80-90
DPC TM 10.219	PCI Powder Smoothness	6
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	1/4 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

Recommended for use in architectural applications such as window frames, cladding, shopfronts and other products where enhanced levels of exterior weatherability are required. This product meets requirements for AAMA 2604 as per the American Architectural Manufacturers Association and is based on proven polyester technology used globally in architectural.

Prepared 9/2/2020

ROHS

9800 Genard Rd. Houston, TX 77041-7624 1-800-247-3886 fax: 713-939-4027
4130 Lyman Dr. Hilliard, OH 43026-1213 1-800-667-9610 fax: 614-771-4139



ISO 9001:2015

WARRANTY POLICY: Seller certifies that all coatings delivered to Customer in unopened factory filled containers meet all pertinent quality standards presented in its current published literature. Since matters of surface preparation, application procedures, curing procedures and other local factors that affect coating performance are beyond Seller's control, Seller assumes no liability for coating failure other than to supply replacement material for a coating material proven to be defective. Customer will determine suitability of this product for its use and thereby assume all risks and liabilities in connection therewith. Seller will not be liable for any injuries, damages or other losses derived, directly or indirectly, from or as a consequence of Customer's use of the product. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING TO ITS PRODUCTS AND THEIR APPLICATION, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES.

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Axalta does not intentionally add any of the restricted substances, as defined in the European directive 2011/65/EU (RoHS-Restriction of Hazardous Substances) 2), Article (4)2, Annex II, to this product, and have determined that any impurities disclosed to us by our suppliers are in amounts less than the maximum concentration values tolerated by weight in homogeneous materials for the restricted hazardous substances; lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, and polybrominated diphenyl ethers, under the RoHS directive.

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