

### ALESTA AR500\*

Number: FFB612U3

Name: AR500 8N2605 Black

October 29, 2020

Type: Proprietary

Alesta Group Code: FP30004000616

#### POWDER PROPERTIES

ASTM D5965-96, C	Specific Gravity	1.49 ± 0.05
	Theoretical Coverage	129 ft <sup>2</sup> /lb/mil
ASTM D3451-92, 13	Mass Loss During Cure	< 4.6%
	Recommended Shelf Life:	12 Months @ 75 °F

#### COATING PROPERTIES

ASTM D523-89	Gloss at 60°	30-40
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	4000 hrs
AAMA 2605-05	Superior Performance Organic Coatings on Aluminum Extrusions	Passed

#### APPLICATION

Electrostatic Spray, Cold

Substrate: Aluminum

Pretreatment: Chrome Phosphate or other AAMA approved Pre-treatment

#### CURE SCHEDULE:

(Time at substrate temperature)

20 Minutes @ 400°F

FILM THICKNESS: 2.0-3.0 Mils

Recommended for use in architectural applications such as window frames, cladding, shopfronts and other products where superior levels of exterior weatherability are required. This product meets requirements for AAMA 2605 as per the American Architectural Manufacturers Association and is based on proven fluoropolymer technology used globally in architectural market. The metallic component of this product is incorporated into the powder, vastly improving application and reclaim behavior when compared to traditional metallic coating powders.

Prepared 11/23/2020

#### ROHS

9800 Genard Rd. Houston, TX 77041-7624  
4130 Lyman Dr. Hilliard, OH 43026-1213

1-800-247-3886 fax: 713-939-4027  
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 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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