

ALESTA AR400*

Number: HFJ661B3

Name: AR400 Noble Bronze

March 25, 2020

Type: HAA Polyester

Alesta Group Code: SD30108000316

POWDER PROPERTIES

| | | |
|-------------------|-------------------------|-----------------------------|
| ASTM D5965-96, C | Specific Gravity | 1.39 ± 0.05 |
| | Theoretical Coverage | 138 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° | 25-35 |
| 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

or 15 Minutes @ 375°F

FILM THICKNESS: 2.0-3.0 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 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 6/17/2020

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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