Alesta® Powder Coatings

ALESTA AR300*

Number: _HFAR03T1_

Name: _AR300 RAL 9006 TX HAA_

Alesta Group Code: AE03100000016

July 6, 2020

Type: _HAA Polyester_

POWDER PROPERTIES

ASTM D5965-96, C	_Specific Gravity_	_1.43 ± 0.05_
	Theoretical Coverage	_134 ft2/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°_	_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	_Dir / Rev Impact, Gardner_	_160 / 160 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_	_1,000 hrs_
AAMA 2603-05	_Organic Coatings on Aluminum Extrusions_	_Passed_

APPLICATION

Electrostatic Spray, Cold

Substrate: 0.032 in. CRS

Pretreatment: Bonderite® 1000, Parcolene® 60

*This product meets the requirements of AAMA 2603.

Recommended for use in architectural applications such as window frames, cladding, shopfronts and other products where exterior weatherability is required. This product meets requirements for AAMA 2603 as per the American Architectural Manufactures Association and is based on proven polyester technology used globally in architectural market.

ROHS

CURE SCHEDULE:

(Time at substrate temperature)

10 Minutes @ 400°F

FILM THICKNESS: _2.5-3.5 Mils_

Prepared 7/6/2020

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

AXALTA

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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.