

Number: RFB631R2

19-Dec-08

Name: BLACK RIDGE III

Type: Epoxy-Polyester 'Hybrid

Alesta Group Code: EP25004000016

POWDER PROPERTIES

ASTM D5965-96, C	Specific Gravity	1.48 ± 0.05
	Theoretical Coverage	130ft 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	
ASTM D2454-95	Overbake Resistance; Time	100%
ASTM D3363-92a	Pencil Hardness	H
ASTM D2794-93	Dir / Rev Impact, Gardner	20/ 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	1000 hrs

APPLICATION

Electrostatic Spray, Cold
Substrate: 0.032 in. CRS
Pretreatment: Bonderite 1000, Parcolene 60

CURE SCHEDULE:

(Time at substrate temperature)

10 Minutes @ 400°F

FILM THICKNESS:

2.5-3.5 Mils

TDS NOTE

Prepared 02/21/2023

Prepared 1/23 11:16 am

ROHS

Alesta 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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ISO 9001:2008

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