



# Technical Data Sheet

**Product Number: HSB3RYR320**

**Product Name: IR CLOUD SILVER BONDED RYR320 (10033260)**

**Chemistry: Hybrid**

**Date: August 5, 2019**

## *Powder Properties*

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<b>ASTM D5965 (B)</b>	Specific Gravity	1.55± 0.05
<b>PCI TECHNICAL BRIEF #8</b>	Theoretical Coverage	124.0 ft <sup>2</sup> /lb/mil
	Shelf Life	12 months in climate controlled environment

## *Film Characteristics*

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<b>ASTM D523</b>	Gloss @ 60°	55-65
<b>ASTM D3359 (B)</b>	Adhesion	5B Pass
<b>ASTM D3363</b>	Pencil Test (Scratch Hardness)	F Pass
<b>ASTM D7091</b>	Recommended Film Thickness	2.5-3.5 mils
<b>PCI TECHNICAL BRIEF #20</b>	PCI Powder Smoothness	4
<b>ASTM D522 (A)</b>	Flexibility Mandrel	1/8" Pass
<b>ASTM D2794</b>	Impact (D/R)	160/160 in-lbs
<b>ASTM D5402</b>	MEK Resistance	25 Double Rubs
<b>ASTM B117</b>	Salt Spray	500 hours

## *Application*

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Electrostatic Spray, Cold  
Substrate: 0.024 in. CRS  
Pretreatment: Bonderite® 1000, Parcolene® 60

**Cure Schedule**  
(Time at Substrate Temperature)  
15 min @ 375°F

## *Notes*

This product was designed for interior use only.

American Standard Testing Method (ASTM)  
Powder Coating Institute (PCI)

This report cannot be altered or changed without the authorization of the Quality Manager.

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