



# Technical Data Sheet

**Product Number:** HDM20135

**Product Name:** GOLDEN SUN 9599

**Chemistry:** Hybrid

**Date:** June 1, 2005

## *Powder Properties*

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ASTM D5965 (B)	Specific Gravity	1.70± 0.05
PCI TECHNICAL BRIEF #8	Theoretical Coverage	113.1 ft <sup>2</sup> /lb/mil
	Shelf Life	12 months in climate controlled environment

## *Film Characteristics*

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ASTM D523	Gloss @ 60°	70-80
ASTM D3359 (B)	Adhesion	5B Pass
ASTM D3363	Pencil Test (Scratch Hardness)	2H Pass
ASTM D7091	Recommended Film Thickness	2.0-3.0 mils
PCI TECHNICAL BRIEF #20	PCI Powder Smoothness	6
ASTM D522 (A)	Flexibility Mandrel	1/8" Pass
ASTM D2794	Impact (D/R)	140/140 in-lbs
ASTM D5402	MEK Resistance	25 Double Rubs
ASTM B117	Salt Spray	1,000 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 @ 356°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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