

# DS511Y28

## Technical Data

Date: 30-MAY-2017

System	Color	Appearance	Gloss
Polyester Powder Coating	RAL 1014 YELLOW	Smooth	17 ± 3 units on 60°
Properties			
<b>Specific Gravity</b>	Approximately 1.54		
<b>Coverage</b>	125 sq. ft./lb/1 mil		
<b>Hardness</b>	H - 2H (ASTM D3363)		
<b>Film thickness</b>	Recommended film thickness 2.5 to 3.5 mils		
<b>Salt Spray</b>	1000 hrs less than 1/16" in creepage over B-1000 treated test panels (ASTM B117)		
<b>Humidity</b>	1000 hrs no blistering over B-1000 treated test panels (ASTM D2247)		
<b>Flexibility</b>	3/16" (ASTM D522)(Conical Mandrel)		
<b>Impact</b>	80 in-lb direct; 80 in-lb reverse (ASTM D2794)		
<b>Cross Hatch Adhesion</b>	5B (ASTM D3359)		
<b>Curing Instructions</b>	7 minutes at 400°F (204°C) or 10 minutes at 375°F (191°C) or 15 minutes at 350°F (177°C) (metal temperature)		
<b>Substrate</b>	0.032 in. CRS Pretreatment: Bonderite® 1000 tested at 2.0 mils		
Features			
<ul style="list-style-type: none"> <li>- Contributes to LEED credits</li> <li>- Outdoor durable (Meets or exceeds A.A.M.A. 2603)</li> <li>- TGIC free</li> </ul>			
<b>Maximum Recommended Storage Temperature</b>		80°F (27°C)	

For further information, please refer to application recommendations, *This information is given in good faith. A warranty, expressed or implied, cannot be supplied as results may vary depending on application conditions.*