

# DS511N31

## Technical Data

Date: 10-MAY-2016

System	Color	Appearance	Gloss
Polyester Powder Coating	RAL 9004 SIGNAL BLACK	Smooth	12 ± 3 units on 60°
Properties			
Specific Gravity	Approximately 1.4		
Coverage	138 sq. ft./lb/1 mil		
Hardness	H - 2H (ASTM D3363)		
Film thickness	Recommended film thickness 2.5 to 3.5 mils		
Salt Spray	1000 hrs less than 1/16" in creepage over B-1000 treated test panels (ASTM B117)		
Humidity	1000 hrs no blistering over B-1000 treated test panels (ASTM D2247)		
Flexibility	3/16" (ASTM D522)(Conical Mandrel)		
Impact	80 in-lb direct; 80 in-lb reverse (ASTM D2794)		
Cross Hatch Adhesion	5B (ASTM D3359)		
Curing Instructions	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)		
Substrate	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>			
Maximum Recommended Storage Temperature		80°F (27°C)	

For further information, please refer to application recommendations, or contact your technical service representative.

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