



# DS511B48

## Technical Data

Date: 3-MAY-2018

System	Color	Appearance	Gloss
Polyester Powder Coating	DISTANT BLUE RAL 5023	Smooth	17 ± 3 units on 60°
Properties			
Specific Gravity	Approximately 1.41		
Coverage	137 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>			
<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.*

Protech Chemicals Ltd.  
 St-Laurent, Quebec, Canada H4S 1W3  
 7600 Henri-Bourassa West  
 Tel: (514) 745-0200 • Fax (514) 745-5774  
[www.protechpowder.com](http://www.protechpowder.com)



UL Recognized Component