

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
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**COLUMBIA**  
COATINGS

|                |                          |
|----------------|--------------------------|
| <b>Number:</b> | X1902021                 |
| <b>Name:</b>   | Dark Silver Texture TGIC |
| <b>Type:</b>   | TGIC                     |

## Powder Properties

|                              |                                 |
|------------------------------|---------------------------------|
| <b>Specific Gravity</b>      | 1.55 +/- .05                    |
| <b>Storage Temp</b>          | 80°F (27°C) up to 1 year        |
| <b>Theoretical Coverage</b>  | 62 sq./ft @ 2.0 mils            |
| <b>Particle Distribution</b> | +44 MICRONS (325 MESH) 35 - 45% |

## Coating Properties

|                        |   |
|------------------------|---|
| <b>Film Thickness</b>  | Recommended film thickness 2.0 – 3.0 MILS   |
| <b>Cure Schedule</b>   | Metal Temperature:<br>18 minutes @ 375°F (191°C)<br>25 minutes @ 350°F (177°C)    |
| <b>Gloss Level</b>     | ASTM D523 3 - 5%  |
| <b>Pencil Hardness</b> | ASTM D3363 2H   |
| <b>Flexibility</b>     | 1/8" ASTM D522  |
| <b>Adhesion</b>        | 5B  |
| <b>Direct Impact</b>   | 160 in-lb. direct;  |
| <b>Reverse Impact</b>  | 140 in-lb. reverse (ASTM D2794)   |
| <b>Salt Spray</b>      | 1000 hrs. less than 1/16" in creepage over B-1000 treated test panels (ASTM B117) |

[www.columbiacoatings.com](http://www.columbiacoatings.com)