

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
1173 Industrial Park Rd  
Columbia, TN 38401  
931-388-7730  
931-388-5573 FAX



**COLUMBIA**  
COATINGS

|                |            |
|----------------|------------|
| <b>Number:</b> | X1380044   |
| <b>Name:</b>   | Jack Frost |
| <b>Type:</b>   | TGIC       |

## Powder Properties

|                              |  |
|------------------------------|--|
| <b>Specific Gravity</b>      | Approx. 1.68 g/cm <sup>3</sup>                       |
| <b>Storage Temp</b>          | < 80°F (27°C)  |
| <b>Theoretical Coverage</b>  | 60.75 ft <sup>2</sup> /lb. (11.1 m <sup>2</sup> /kg) |
| <b>Particle Distribution</b> | 25 – 50 microns                                      |

## Coating Properties

|                        |   |
|------------------------|---|
| <b>Film Thickness</b>  | Recommended Film Thickness: 2.5–4 mils            |
| <b>Cure Schedule</b>   | Metal Temperature:<br>10 minutes at 400°F (204°C) |
| <b>Gloss Level</b>     | 80-90% @ 60°                                      |
| <b>Pencil Hardness</b> | 2H (ASTM D3363)                                   |
| <b>Flexibility</b>     | 1/8" (ASTM D522) (Conical Mandrel)                |
| <b>Adhesion</b>        | 4B (ASTM D3359)                                   |
| <b>Direct Impact</b>   | 120 in-lb. direct (ASTM D2794)                    |
| <b>Reverse Impact</b>  | 120 in-lb. direct (ASTM D2794)                    |
| <b>Salt Spray</b>      | n/a   |

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