

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
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|                |                         |
|----------------|-------------------------|
| <b>Number:</b> | MLS178702               |
| <b>Name:</b>   | New York City FC Orange |
| <b>Type:</b>   | Polyester               |

## Powder Properties

|                              |                                |
|------------------------------|--------------------------------|
| <b>Specific Gravity</b>      | Approx. 1.56 g/cm <sup>3</sup> |
| <b>Storage Temp</b>          | Less than 80°F (27°C)          |
| <b>Theoretical Coverage</b>  | 123 sq. ft/lb. @ 1 mil         |
| <b>Particle Distribution</b> | n/a                            |

## Coating Properties

|                        |                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Film Thickness</b>  | Recommended film thickness: 2.5 - 3.5 mils                                                                           |
| <b>Cure Schedule</b>   | Metal Temperature:<br>7 minutes at 400°F (204°C) or<br>10 minutes at 375°F (191°C) or<br>15 minutes at 350°F (177°C) |
| <b>Gloss Level</b>     | 85% ± 3% @ 60°                                                                                                       |
| <b>Pencil Hardness</b> | H - 2H (ASTM D3363)                                                                                                  |
| <b>Flexibility</b>     | 1/18" (ASTM D522) (Conical Mandrel)                                                                                  |
| <b>Adhesion</b>        | 5B                                                                                                                   |
| <b>Direct Impact</b>   | 160 in-lb. direct;                                                                                                   |
| <b>Reverse Impact</b>  | 160 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)