

Columbia Coatings

Technical Data Sheet

Columbia Coatings
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| | |
|----------------|---------------------------------|
| Number: | RAL9003MATTE |
| Name: | RAL 9003 – Signal White - Matte |
| Type: | TGIC |

Powder Properties

| | |
|------------------------------|--------------------------------|
| Specific Gravity | Approx. 1.55 g/cm ³ |
| Storage Temp | < 80°F (27°C) |
| Theoretical Coverage | 124 sq. ft/lb. @ 1 mil |
| Particle Distribution | n/a |

Coating Properties

| | |
|------------------------|--|
| Film Thickness | Recommended Film Thickness: 2.5–3.5 mils |
| Cure Schedule | Metal Temperature: 10 minutes at 400°F (204°C) |
| Gloss Level | 25-35% @ 60° |
| Pencil Hardness | 2H (ASTM D3363) |
| Flexibility | 1/8" (ASTM D522) (Conical Mandrel) |
| Adhesion | 5B (ASTM D3359) |
| Direct Impact | 100 in-lb. direct (ASTM D2794) |
| Reverse Impact | 100 in-lb. direct (ASTM D2794) |
| Salt Spray | 1000 Hrs. Pass <1/8" Scribe Creep - No Blisters (ASTM B117) |

www.columbiacoatings.com