



# Metal Coil Technical Specification Sheet

## Painted Steel Coil – 26 Gauge SMP

### Technical Properties

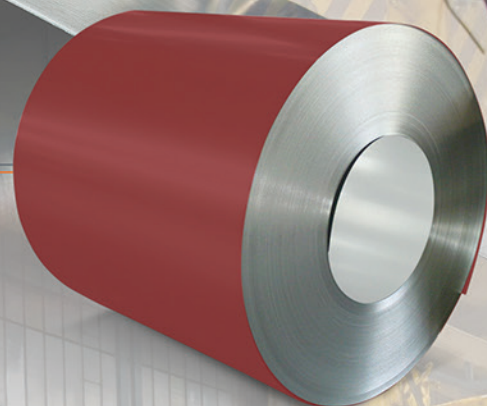
Property	Test Standard / Typical Result
Topcoat Resin	Silicone Modified Polyester (Ceranamel®)
Gloss (60°)	20–80 (ASTM D523)
Pencil Hardness	F to 2H (ASTM D3363)
T-Bend	2T to 4T, no loss of adhesion (ASTM D4145)
Adhesion (Crosshatch)	No loss (ASTM D3359)
Reverse Impact	Galvalume® or HDG: 3x metal thickness, no loss
Humidity Resistance	1,000 hrs, no field blisters (ASTM D2247)
Salt Spray Resistance	1,000 hrs, creep ≤ 1/8" (3mm), few #8 blisters
Chalk Resistance	Rating ≤ 8 @ 30 years (ASTM D4214)
Color Retention	ΔE ≤ 5 @ 30 years (ASTM D2244)
Flame Test	Class A (ASTM E84)
Water Immersion	168 hrs @ 100°F, no field blisters (ASTM D870)
Film Integrity	No cracking, flaking or peeling @ 40 years

### Available Coil Specifications

Substrate	Galvalume® or G90 Galvanized Steel
Gauge	26 ga (nominal 0.0187")
Width Range	20" to 48" (custom slitting available)
Surface Options	Smooth or Embossed
Backer Coat	Washcoat, 0.3–0.35 mils typical
Strippable Film	Available on request

### Additional Notes

- Oil canning is a natural phenomenon in roll-formed metal and not cause for rejection.
- All materials must be properly cleaned and pretreated before coating.
- Ceranamel® is not designed to bridge substrate cracks.



### Built to Last. Backed by Science.

- 1,000-hour humidity resistance.
- 1,000-hour salt spray protection.
- Class A Fire Rated (ASTM E84).
- No cracking at OT bend (ASTM D4145).
- Excellent film integrity and adhesion.



### Engineered for Performance

- Reflective coatings improve energy efficiency.
- Fade- and chalk-resistant for decades.
- Ideal for architectural, commercial, industrial and agricultural.
- Custom color matching available.
- Smooth & embossed finishes.

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