

Painting

Coil coating provides precise control over the paint application process. First, the metal passes through a cleaning station to remove surface contaminants and oils. Then, the metal undergoes pretreatment, which offers corrosion protection and creates a molecular bond between the metal and the paint.

OCM uses primer on most products to improve paint adhesion and to maintain control over the finish color. Top coats are applied over the primer, with each layer baked in separate ovens to fully cure.

OCM's advanced state-of-the-art control system safeguards the environment. Since it is applied by rollers instead of sprayers, the paint is never airborne, reducing waste and pollution. Coil-coated metals deliver long-lasting performance.

Overall, this makes coil coating efficient, cost-effective, and environmentally friendly, therefore providing long-lasting performance.

OCM offers various paint systems, including PVDF, Polyester, Silicone-Modified Polyester (SMP), and Epoxy. Most colors are produced in-house, enabling custom matching, smaller batches, and shorter lead times.

PVDF Colors

- 35-year warranty for color fade, chalk, crack, and peel.
- Best UV resistance
- Suitable for exterior applications such as roofing and wall panels
- Wide range of colors and glosses.



SMP Colors

- Modified polyester for longer performance and color retention than conventional Polyester.
- 40-year warranty (but with more allowable fade compared to PVDF)
- Mid-range price and performance
(lower price than PVDF, better performance than polyester)
- Harder finish than PVDF for improved scratch resistance.
- Applications include roofing, wall panels, roll-up doors, and rain gutters.
- Full range of colors and glosses (including bright colors and high-gloss)



Polyester Colors

- 10-year warranty for color fade, chalk, crack, and peel.
 - Great for interior applications such as ceilings.
- Also used for rain gutters, garage doors, and signage.
- Lower cost
 - Hard finish for superior scratch/abrasion resistance
 - Full range of colors and glosses (including bright colors and high-gloss)



Material/Capacity	12" Paint Line	36" Paint Line	48" Paint Line
Aluminum	.012" - .063"	.008" - .063"	.024" - .063"
Steel	.010" - .057"	.010" - .046"	.012" - .047"
Stainless	.010" - .043"	.010" - .043"	Not Available
Entry/Exit I.D	12", 16", or 20"	16" or 20"	16", 20", or 24"
Max coil weight	5,000 lbs.	10,000 lbs.	20,000 lbs
Linear Feet min.	850 LF	850 LF	1400 LF