

Coil coatings, performance and cost

The table below gives an estimate of the relative properties of the main types of coil coatings:

Performance →											
Type of paint ↓	Easy application	Hardness	Flexibility	Scratch-resistant	Stain-resistant	Solvent-resistant	Chemical-resistant	Corrosion-resistant	Dirt-resistant	Exterior durability	Cost
Standard polyester	1	2	2	3	2	2	2	2	2	3	1
High durability polyester	1	2	2	3	2	2	2	2	2	1	3
Silicon polyester	1	2	4	3	2	2	2	2	3	2	3
Polyurethane	1	2	1	2	2	2	2	2	2	2	2
Polyamide polyurethane	1	1	1	1	1	2	2	2	2	1	4
PVDF	1	2	1	1	1	1	1	2	2	1	5
Plastisol	1	4	1	1	4	4	1	1	4	3	4
Epoxy	2	1	4	2	1	1	1	1	2	5	2

Note: 1 to 5 rating runs in descending order of performance and (in the case of cost) economy.