

Annex 3 : Interior Coating Systems with Powder Coating

Coating System codification	REFERENCE base material + number of organic layers	Surface Preparation	Base material	Pretreatment	Organic layer						Corrosivity Class					
					primer		Intermediate Coat	Type	Topcoat	Total coating system		C1	C2	C3	C4	C5 C5M
					Type	µm				µm	µm					
IP-ST1-100	ST1		ST	Chemical degreasing				EP/P	60	1	60	✓	✗	✗	✗	✗
IP-ST2-100	ST2		ST	Chemical (*)	Z/ZF	50		EP/P	60	2	110	✓	✓	✗	✗	✗
IP-ST2-101	ST2		ST	Chemical (*)	Z/ZF	50		EP/P	80	2	130	✓	✓	✓	✗	✗
IP-ST2-200	ST2		ST	Mechanical (SA 2 1/2)	Z/ZF	50		EP/P	60	2	130	✓	✓	✓	✗	✗
IP-ZE1-200	?		ZE 50/50	Chemical degreasing				EP/P	60	1	60	✓	✓	✗	✗	✗
IP-ZE1-201	?		ZE 50/50	Chemical degreasing				EP/P	60	1	60	✓	✓	✗	✗	✗
IP-ZE1-300	?		ZE 100/100	Chemical Deoxidation				EP/P	80	1	80	✓	✓	✓	✗	✗
IP-SZ1-100	SZ1		Z 100	Chemical degreasing				EP/P	60	1	60	✓	✓	✗	✗	✗
IP-SZ1-300	SZ1		Z 100	Chemical Deoxidation				EP/P	60	1	60	✓	✓	✗	✗	✗
IP-SZ1-101	SZ1		Z 225	Chemical degreasing				EP/P	80	1	80	✓	✓	✓	✗	✗
IP-SZ1-400	SZ1		Z 225	Mechanical (sweeping)				EP/P	60	1	60	✓	✓	✓	✗	✗
IP-SZ1-301	SZ1		Z 225	Chemical Deoxidation				EP/P	80	1	80	✓	✓	✓	✓	✗
IP-HD1-100	HD1		HDG	Chemical (*)				EP/P	60	1	60	✓	✓	✓	✗	✗
IP-HD1-101	HD1		HDG	Chemical (*)				EP/P	80	1	80	✓	✓	✓	✓	✗
IP-HD1-400	HD1		HDG	Mechanical (sweeping)				EP/P	80	1	80	✓	✓	✓	✓	✗
IP-MS1-700	MS1	Sa 3	MS 50 µm	none				EP/P	60	1	60	✓	✓	✗	✗	✗
IP-MS1-701	MS1	Sa 3	MS 50 µm	none				EP/P	80	1	80	✓	✓	✓	✗	✗
IP-STE2-600	STE2		EC	EC-pretreatment (#)				EP/P	60	1	60	✓	✓	✗	✗	✗
IP-STE2-601	STE2		EC	EC-pretreatment (#)				EP/P	80	1	80	✓	✓	✓	✗	✗

Codification:

- ST Steel
- Z100 Continuous hot dip galvanized steel (coil) with 100 g/m² zinc
- Z225 Continuous hot dip galvanized steel (coil) with 225 g/m² zinc
- HDG Hot Dip Galvanized Steel
- MS Metal Spray
- ZE Electroplated zinc
- EC Electrophoretic primer (e-coat) 15 µm
- Z zinc flakes containing powder primer
- ZF zinc free powder primer
- (*) Conversion de surface EN 13438 (annex B). Following the procedure and supplier recommendations.
- ✓ Recommended
- ✓ This Coating System requires agreement between interested parties (ISO 2063)
- ✗ Not possible to
- EC-pretreatment (#) Only degreasing except for integrated electrophoretic lines.
- @ Number of organic layers and total layer thickness EC **EXCLUDED**

EP/P Epoxy Polyester