

Industrial Painting Systems

System No.	Preparation Of the surface	Range of Anchorage Profile	Initial Layer	Intermediate Layer	Finish Coat	Average Dry Film Thickness (Mils)				Dry Time Interval
						Layer Initial	Layer Inter.	Layer finished	Total	
1	SSPC SP-5	1.5 - 2.0	Inorganic Background Rich in Zinc	–	–	3.0	–	–	3.0	Does not apply
2	SSPC SP-6	0.75 - 1.0	Alkyd basecoat free of heavy metals	Alkyd Enamel	Alkyd Enamel Color Code	1.5	1.5	1.5	4.5	8 to 72
3A	SSPC SP-5	1.5 - 2.0	High Thickness Polyamide Epoxy Primer	–	Polyurethane enamel Color Code	4	–	2	6	8 to 72
3B	SSPC SP-5	1.5 - 2.0	High Thickness Polyamide Epoxy Primer	–	Aluminum-free polyamide enamel	4	–	2	6	8 to 72
4A	SSPC SP-5	1.5 - 2.0	Inorganic Background Rich in Zinc	Siliconized Acrylic Enamel	Silicon Acrylic Enamel Color Code	2.5	1.5	1.5	5.5	24 to 48
4B	SSPC SP-5	1.5 - 2.0	Inorganic Background Rich in Zinc	Siliconized Acrylic Enamel	Aluminum-free Silicon Acrylic Enamel	2.5	1.5	1.5	5.5	24 to 48
4C	SSPC SP-5	1.5 - 2.0	Phenolic Epoxy	–	Phenolic Epoxy	4	–	4	8	8 to 72
5	SSPC SP-5	1.5 - 2.0	Inorganic Background Rich in Zinc	Environmentally Cured Aluminum Silicone	Environmentally Cured Aluminum Silicone	2.5	1	1	4.5	24 to 72
6	SSPC SP-5	1.0 - 2.0	Gray Inorganic Polysiloxane 1000°F	–	Gray Inorganic Polysiloxane 1000°F	2	–	2	4	2 to 8
7	SSPC SP-5	1.0 - 2.0	Gray Inorganic Polysiloxane 1000°F	–	Gray Inorganic Polysiloxane 1000°F	2	–	2	4	2 to 8
8	SSPC SP-5	2.0 - 2.5	Inorganic Polysiloxane 2000 °F	–	Inorganic Polysiloxane 2000 °F	4	–	4	8	4 to 8
9A	SSPC SP-5	1.5 - 2.0	Inorganic Background Rich in Zinc	High Thickness Polyamide Epoxy Primer	Polyurethane enamel Color Code	2.5	4	2	8.5	24 to 72
9B	SSPC SP-5	1.5 - 2.0	High Polyamide Epoxy Primer Thickness	High Polyamide Epoxy Primer Thickness	High Polyamide Epoxy Primer Thickness	2.5	4	2	8.5	24 to 72
10	SSPC SP-5	1.5 - 2.0	Inorganic Background Rich in Zinc	High Thickness Polyamide Epoxy	Aluminum-free polyamide enamel	2.5	4	2	8.5	24 to 72
eleven	SSPCSP-1 SSPC SP-2	Does not apply	Background for non-ferrous surfaces Background Surface Tolerant	–	Polyurethane enamel Color Code	2	–	2	4	8 to 72
12	SSPC SP-5	2.0 - 2.5	epoxy100% solids	–	epoxy100% solids	8	–	8	16	8 to 72
13	SSPC SP-5	1.5 - 2.0	High Build Amine Adduct Epoxy	–	High Build Amine Adduct Epoxy	4	–	4	8	24 to 48

14	SSPC SP-5	1.5 - 2.0	Phenolic Epoxy High Thickness Amine	-	Phenolic Epoxy High Thickness Amine	6	-	6	12	12 to 72
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Industrial Painting Systems

A) Moderate Industrial and Coastal Environments.

- * Surface Preparation.
 - Cleaning with Degreaser and Mechanical Manual Tools.
 - Cleaning with Abrasive Shot or Sand.
- * Exterior Epoxy / Polyurethane.
 - Epoxy Background Paint Polyamide.4.0 Mils Esp.
 - Epoxy paint Polyamide.4.0 Mils Esp.
 - Paint Finish Polyurethane.2.5 Mils Esp.

B) Industrial and Marine Environments High Performance.

- * Surface Preparation.
 - Cleaning with Abrasive Shot or Sand.
- * Zinc, Epoxy, Polyurethane Exteriors.
 - Zinc Background Inorganic.2.5 Mils Esp.
 - Epoxy Polyamide Intermediate.4.0 Mils Esp.
 - Paint Finish Polyurethane.2.5 Mils Esp.
- * High Solid Epoxy / Polyurethane Exteriors.
 - High Epoxy Primers solid.4.0 Mils Esp.
 - Intermediate Epoxy High Solid.4.0 Mils Esp.
 - Finish Polyurethane.2.0 Mils Esp.
- * Exterior Buried Pipes or Structures.
 - Epoxy pitch Polyamide.16 Mils Esp.
- * Salt Water, Ballast, Black Water, Interior Tanks.
 - Epoxy pitch Polyamide.16 Mils Esp.
- * Interior Drinking Water Tanks and Pipes.
 - Epoxy Amine Adduct 100%SPV12 Mils Esp.

C) High Temperature Resistances.

- * Surface Preparation.
 - Manual Mechanical Cleaning (See Manufacturer File).
 - Cleaning with Abrasive Shot or Sand.
- * Alkyd Up to 180°.
 - Diffuse Aluminum180°2.0 Mils Esp.
- * Siliconized Up to 550°.
 - AluminumSiliconized2.0 Mils Esp.
- * 2000°F technology.
 - Aluminum PolysiloxaneHT3.0 Mils Esp.

D) Galvanized, Aluminum, Stainless Steel, Fiberglass.

- * Surface Preparation.
 - Cleaning with Mechanical Manual Tools.
- * Epoxy / Polyurethane Fund.
 - Epoxy FundPolyamide2,0 Mils Esp.
 - FinishPolyurethane.2.0 Mils Esp.
- * Epoxy Fund / Epoxy Finish.
 - Epoxy FundPolyamide2,0 Mils Esp.
 - Epoxy finishPolyamide4.0 Mils Esp.

E) Industrial Concrete Floors.

- * Surface Preparation.
 - Cleaning Free of Greases, Dusts, Sands.
- * High Solid Epoxy / Polyurethane Industrial Floor.
 - epoxyHS4.0 Mils Esp.
 - FinishPolyurethane.2.0 Mils Esp.

F) Living Work.

* Surface Preparation.

- Apply Abrasive Shot or Sand.

* Steel / Aluminum / Fiberglass.

- Epoxy FundPolyamide.4.0 Mils Esp.
- epoxyLink5.0 Mils Esp.
- Antifouling (Colour x) (24months)3.0 Mils Esp.

G) Dead Work and Super-Structures.

* Surface Preparation.

- Fresh Water Pressure Washing.
- Cleaning with Mechanical Manual Tools.
- Cleaning with Abrasive Shot or Sand.

* Steel – Aluminum – Fiberglass.

- epoxyHS5.0 Mils Esp.
- epoxyHS4.0 Mils Esp.
- FinishPolyurethane.2.0 Mils Esp.

* Steel Alkyd System.

- BackgroundAlkyd 2.0 Mils Esp.
- FinishAlkyd2.0 Mils Esp.