STEELCOAT™

SELECTION GUIDE

SURFACE PREPARATION	PROTECTING	STEELCOAT™ SYSTEM	EXPECTED SERVICE LIFE (YEARS)	AVERAGE THICKNESS (MICRONS)
Minimal surface preparation, chipping hammers, hand wire brushing	Cold/damp pipes Badly rusted/pitted pipes and structural steelwork Fittings Pitted pipelines Tank bases Column bases	100/ S105	15	1400
		100/ HT Primer	15	1400
		100/500 (combined)	30	3000
		100/400 (combined)	30	2800
		Tank Base Protection System	30	2800
		Column Base Protection System	30	2800
Hand or power tool to St2 / St3 (ISO 8501-1) or high pressure water jetting (ISO 8501-4) Alternative: SSPC-SP2 Hand Tool Cleaning SSPC-SP3 Power Tool Cleaning	Process plant Pipe bridges Structural steel Pipework Fittings Pipelines Tie bars Storage tank bases Metal roof purlins Hot pipework Soil air interface pipework	700	7-9	4-500
		500	30	1600
		400 and 400/D5	30	1400/1600
		300	15	2500 (55% overlap)
		200	15	2300 (55% overlap)
		Soil Air Interface System	30	2800
Dry Abrasive Blast Sa2½ (ISO 8501-1) with an angular surface profile of 50 to 125 microns Alternative: SSPC SP-10, NACE No. 2	Steel structures Rigs New jetty piles Decking Walkways Ramps Loading installations Very hot pipes Plant Tanks Pipelines Cranes Bridges	1000	20-30	1500
		1000	15-25	1000
		700	12-15	4-500
No surface preparation	Pre-stressing and post-tensioning bridge cables and anchorages	50	50+	Sleeve/anchorage completely filled

The above Surface Preparation requirements are indicative only. Refer to Instructions for Use and Project Specifications.

NOTE: ISO Standards are not exact equivalents to NACE / SSPC.