

PRODUCT DESCRIPTION, HIGH PERFORMANCE LININGS

PRODUCT	DESCRIPTION	Pot life minutes	Density [g / ml]	Mix ratio by wt	Mix ratio by vol	Min/Max thickness [µm]	# of coats	Recoat time min / max [H]	Max Dft [µm]	Min Appl temp [°C]	Max Dry operating temp [°C]	Dry to touch [H]	Functional cure [H]	Full cure [H]	Repair system	Surface prep.	Application procedure	pH range
HPL-1110	A flexible, low viscosity, easy to use coating system, used on structural steel, tank exteriors or other areas where extra corrosion resistance is required. It is shipped DOT non corrosive.	45	1.25	2,7 : 1	2:1	250/635	2 - 3	8/120	1905	4	135	10	60	120	EAC	SSPC-6	1+3	2,5 - 14
HPL-1110-PW	A low viscosity coating used in potable water tanks. It is certified to the ANSI/NSF 61 standard. It may be used on concrete or steel tanks.	45	1.27	3,3 : 1	2,6:1	200/380	2 - 3	8/72	1140	15	122	9	60	120	SELF	SSPC-5	1+3	3,0 - 12
HPL-1510	A low viscosity holding primer for steel surfaces allowing for extremely long overcoat windows.	45	1.07	2 : 1	1,8 : 1	50/125	1	6/120	125	10	150	6	36	120	SELF	SSPC-10	1 + 3	2,5 - 14
HPL-2131	A trowelable material which is designed to rebuild and/or protect tanks subject to severe erosion and corrosion. It is best applied using a mastic or grout pump.	45	1.60	2 : 1	2 : 1	760/2300	1 - 2	6/36	6350	13	190	6	36	120	SAR	SSPC-10	1 + 2 + 5	2,5 - 14
HPL-2201	A low temperature, fast curing, moderately low viscosity product with outstanding abrasion and chemical resistance. It can be used for process vessels, baghouse or precipitator walls, coal bunkers or flooring. It is designed to be applied by hand or with plural component spray equipment.	20	1.67	5 : 1	2,7 : 1	250/760	2 - 3	3/24	2300	4	190	3	18	120	EAC	SSPC-10	1 + 4	1,5 - 14
HPL-2221	A medium viscosity product with outstanding abrasion resistance, impact resistance and flexibility. It can be used for rail cars, ash hoppers, slurry tanks, secondary containment, travelling water screens or anywhere requiring flexibility, abrasion and chemical resistance. It is designed to be applied by hand or with plural component spray equipment.	25	1.61	4 : 1	2 : 1	250/760	2 - 3	3/24	2300	4	190	4	24	120	EAC	SSPC-10	1 + 4	1,5 - 14
HPL-2310	A low viscosity, long potlife coating with excellent chemical resistance in an ambient cured material. It is designed to be applied by brush, roller or conventional airless equipment.	45	1.27	2,6 : 1	2 : 1	250/760	2 - 3	8/72	2300	4	150	8	48	120	EAC	SSPC-10	1 + 3	1,0 - 14
HPL-2510	An outstanding, versatile and easy to use 100% solids material. It can be used for circulating water pipe, sewage treatment systems or process water tanks. It can be applied by brush, roller or conventional spray equipment. Also available in FDA compliant version.	45	1.24	2,4 : 1	1,8 : 1	250/760	2 - 3	6/120	2300	15	132	8	48	120	EAC	SSPC-10	1 + 3	2,0 - 14
HPL-2510-UW	A moisture tolerant version of 2510 which can be used on dams, oil rigs, steel or concrete structures. It can be applied under water and on wet surfaces	40	1.18	3 : 2	6 : 5	250/760	2 - 3	4/24	2300	10	122	6	72	120	SAR-UW	SSPC-6	1	2,5 - 14

HPL-3320	A fast curing bis-phenol F epoxy used primarily for secondary containment where excellent chemical resistance to sulphuric and other inorganic acids is required at ambient cure temp.	30	1.29	2,1 : 1	3 : 2	250/760	2 - 3	6/48	1520	4	163	7	42	120	EXP	SSPC-10	1 + 4	0,5 - 14
HPL-4300	A high temperature, abrasion resistant, trowel applied product for boiler skirts, incinerator outlets or anywhere requiring resistance to abrasive elements at high temperatures.	30	1.81	2,5 : 1	2 : 1	1000/2000	1 - 2	3/24	3200	18	232	3	48	168	EXP-	SSPC-5	2	0,5 - 14
Thixset																		
HPL-4310	A high functionality, 100% solids novolac material, which can be applied by conventional air-less spray equipment. It can be used in power plant outlet ducts, utility systems, petrochem and acid storage tanks or anywhere requiring outstanding chemical resistance in a easy to apply coating system.	45	1.32	3,6 : 1	2,5 : 1	250/760	2 - 3	8/72	2000	18	175	8	72	168	EXP	SSPC-10	1 + 3	0,5 - 14
HPL-4320	A high functionality, 100% solids novolac material designed for concentrated sulphuric acid and other inorganic acid service. It can be applied by hand but is most efficiently applied over large areas by plural component airless. Requires elevated temperature cure	20	1.31	2,5 : 1	2 : 1	250/760	2 - 3	3/24	1500	18	190	3	48	168	EXP	SSPC-5	1 + 4	0,5 - 14
HPL-4320-XC	A more chemical resistant version of 4320 designed for constant immersion in high concentrations of sulphuric and other inorganic acids. Although it can be applied by hand in small areas, it is most efficiently applied using plural component spray equipment. Requires elevated temperature cure.	20	1.32	2,7 : 1	2 : 1	250/760	2 - 3	3/24	1500	18	190	3	48	168	EXP	SSPC-5	1 + 4	0,5 - 14
HPL-4321	A special version of 4320 designed for methylene chloride and other solvents. Requires elevated temperature cure.	25	1.33	4,7 : 1	3,4 : 1	250/760	2 - 3	3/24	1500	18	190	3	48	168	EXP	SSPC-5	1 + 4	0,5 - 14
HPL-4323	A flexibilized version of the 4320 used for secondary containment, ductwork or anywhere requiring better flexibility with extremely good chemical resistance	35	1.29	3 : 1	2 : 1	250/760	2 - 3	6/48	1500	18	175	6	72	168	EXP	SSPC-10	1 + 4	0,5 - 14
HPL-4330	A trowellable, 100% solids novolac lining with outstanding chemical resistance. It is primarily used in areas requiring the ultimate in chemical and abrasion resistance. It is most efficiently applied by grout pump. It can also be applied by trowel or squeegee.	30	1.61	2 : 1	2 : 1	1000/2000	1 - 2	3/8	3200	18	217	3	48	168	EXP	SSPC-5	2	0,5 - 14
HPL-6310	A clear lining with outstanding colour stability and UV resistance. It also offers moderate chemical and abrasion resistance. It is used primarily as UV resistant topcoat on systems where no yellowing or discolouration can be tolerated. It can be cured at temperatures as 4,5 °C with proper procedures.	40	1.10	2,4 : 1	2,1 : 1	50/250	1 - 3	3/24	1000	10	150	5	24	120	SELF	SSPC-5	1 + 3	2,0 - 12

EXPLANATIONS:

Mix Ratio: Base : Hardener Part B : Part A

Functional Cure:	The time required to obtain a minimum chemical resistance and develop mechanical properties sufficient for movement at 21 °C
Surface Preparation:	Click on " Surface Preparation & Application Guide" for details
Application Procedures:	1 = Brush or Roller, 2 = Trowel, 3 = Single Component Airless with inline heater, 4 = Plural Component Airless, % = Grout Pump
Cure times:	All cure times are at 21 °C
General coverage:	1 m ² per liter at 1 mm DFT