

REPAIR AND MAINTENANCE MATERIALS, PRODUCT DESCRIPTIONS

PRODUCT	DESCRIPTION	Working Time Minutes	Density [g/ml]	Mix ratio by wt	Mix ratio by vol	Min/Max thickness [µm]	# of coats	Recoat time min/max hours	Min Appl temp [°C]	Max Dry Operating temp [°C]	Dry to touch [H]	Functional cure [H]	Full cure [H]	Surface Prep	Application procedure	pH range	Coverage [in³/kg]	Coverage [cm³/kg]
RESURFACING PRODUCTS																		
GMC	An excellent all around epoxy maintenance paint. It is used primarily on small projects where resistance to environmental pollutants, spills or leaks are required. Typical applications are on exterior pump casings, fans, valves and vessels.	45	1.26	2,5 : 1	2 : 1	250/760	1 - 2	6/120	10	122	8	48	120	SSPC 3+11	1	2,0 - 14	39	639
EAC	A brushable and versatile maintenance material which has excellent resistance to both acids and caustics as well as having excellent abrasion resistance. It is primarily used to resurface any component requiring both abrasion and chemical resistance such as tanks, heat exchangers valve and pump internals.	30	1.88	5 : 2	2 : 1	250/760	1 - 2	3/24	4	205	3	18	120	SSPC 3+11	1	1,0 - 14	32	524
EAC-FE	A brushable, more resilient version of EAC used to enhance fluid flow, resist cavitation or anywhere requiring more impact resistance in a thin film product.	30	1.61	4 : 1	2 : 1	380/760	1 - 2	3/24	4	190	4	24	120	SSPC 3+11	1	1,5 - 14	38	623
EXP	A higher chemical and temperature resistant version of the EAC used in the most aggressive of chemical environments.	30	1.70	2 : 1	1,7 : 1	250/760	1-2	3/24	18	217	3	48	168	SSPC 3+11	1	0,5 - 14	33	541
REBUILDING PRODUCTS																		
SAR	A versatile, easy to use rebuilding putty with excellent abrasion and chemical resistance. This product is heavily filled with aluminium oxide and can be built to a thickness of 25 mm or Typical applications include rebuilding of pump casings, slurry tanks, weld seams or anywhere requiring the restoration of metal components.	50	1.98	2 : 1	2 : 1	1000/25000	1	2/6	10	218	4	24	120	SSPC 3+11	2	1,5 - 14	31	508

HAR	A more abrasion resistant putty than SAR which is primarily used in areas requiring more resistance to fine slurries either in liquid or powder form. Common applications are in coal mills, chutes, ash hoppers or deflector plates in FDG systems.	45	1.94	2 : 1	2 : 1	1000/6300	1	2/6	10	260	4	24	120	SSPC 3+11	2	1,5 - 14	31	508
EXP-Thixset	A more chemical and higher temperature resistant version of either SAR or HAR used primarily in areas operating at higher temperatures and requiring better chemical resistance. Applications include acid tank repair, boiler skirts or refinery evaporator vessels.	30	1.68	2 : 1	2 : 1	1000/6300	1	1/3	18	260	3	48	168	SSPC 3+11	2	0,5 - 14	36	590
UltraBuild	A rugged durable, trowel grade product filled with ceramic beads and other abrasion resistant fillers. It is used primarily in areas where abrasion resistance to both small and coarse slurries are required over large areas. It is typically used in the mining industry on chutes, hoppers, classifiers or mills. It can be built up to 5 cm in thickness or more in a single coat.	35	2.12	3 : 1	2,6 : 1	1500/5 cm	1	2/6	13	260	4	24	120	SSPC 3+11	2	2,0 - 14	29	475
MG-F	A stainless steel filled putty which is engineered for use where final precision machining is required. Typical applications include shaft repairs, pump parts, bearing housings, or anywhere requiring final machining to close tolerances.	25	1.62	3 : 1	3 : 1	760/1,3cm	1	1/3	4	150	2	24	120	SSPC 3+11	2	1,5 - 14	38	623
	SPECIALTY SYSTEMS																	
DuroCaulk	An elastomeric epoxy urethane caulk which combines the flexibility of a urethane with the chemical resistance and adhesion of an epoxy.	40	1.09	3,6 : 1	3,6 : 1	760/2,5cm	1	6/24	4	122	8	36	120	SSPC 3+11	2	2,0 - 14	52	852
DuroStik	An extremely fast curing putty material, packaged in a single tube for easy mixing and use. Ideal for storing in tool boxes to make quick repairs or to stop leaks in steel, aluminium, fiberglass or concrete	2	1.90	N/A	N/A	760/1,3cm	1	20 minutes	0	150	20 min.	20 min.	1 hr	SSPC 3+11	2	1,5 - 14	30	492
EAC-UW	An underwater version of the EAC used for resurfacing or painting underwater vessels, pilings or other similar items.	40	1.60	1,5 : 1	1 : 1	250/760	2 - 3	4/24	10	122	6	72	120	SSPC 3+11	1	2,5 - 14	36	590

