



APPLICATION FIELDS	MOLECULAR METALS chester																Protective coatings	ELASTOMERS					APPLICATION FIELDS	
	Super SL	Super Fe	Ceramic T	Ceramic F	Ceramic FS	Ceramic CH	Rapid	Slide	Slide F	Super AL	Super BR	Super MS	Super SH	Epoxy	Sl	Protector A, D		Protector B, C, CK, CF	90 T	90 F	80 TR	75 T		75 F
Metal rotors and pumps body			●	●	●	●	●	●	●									●	●	●	●	●	●	Chutes
Rubber coating rotors and pumps body																		●	●	●	●	●	●	Facing of rubber surfaces of tanks
Casting defects	●	●						●	●	●	●	●												Slide bearing mounting
Bearing mounting	●	●	●	●	●	●	●						●	●										Fans
Shaft neck for a roller bearing	●	●	●					●	●															Screw caps
Machines seating		●						●	●									●	●	●	●	●		Shaft neck for slide bearing
Cracked body	●	●																●	●	●	●	●		Belt conveyors
Valves, metal bolts			●	●	●	●	●	●									●	●	●	●	●	●		Warm conveyors
Gas turbines													●					●	●	●	●	●		Valves, rubberizing bolts
Heat exchangers	●		●	●	●	●		●	●															Slide bearings of lathes and milling machine
Scratched motor operators and bearings			●	●	●			●	●															Crew propellers
Pipes and tanks leakage	●			●	●		●																	Steer able fins mounting
Damaged splineways	●						●											●	●	●	●	●		Atypical gaskets and rubber seals
Materials bonding	●	●		●	●								●					●	●	●	●	●		Rollers and rubberizing rolls
Reconstruction of concrete settings	●	●														●								Protection against corrosion of metal and concrete tanks



Product name	Product description	Colour	Density	Mix ratio		Package	Application time after mixing in 20°C	Curing time for treatment in 20°C	Chemical resistance in 20°C	Max working temp.	Diffraction DIN5362	Impact strength ISO179	Shore's hardness DIN53505	Strength				Storage
				Base	Reactor									shearing ISO4587	compressive ISO604	bending ISO178	tensile ISO R1798	
				g/cm ³	volume									weight	kg	min.	h	
METAL SUPER CHESTER	tixotropic, general-purpose, defect refilling and metal parts bonding	grey	2.4	2:1	2.5:1	0.25, 0.5, 1, 2, 5	20	3.5	7	160	94	6.6	-	18.0	146	92	-	36
METAL SUPER SL	tixotropic, general-purpose, defect refilling and metal parts bonding, long bonding time	grey	2.2	2:1	2.5:1	0.5, 1, 2, 5	50	7	7	160	101	6.5	-	18.0	146	92	-	36
METAL SUPER FE	tixotropic, recommended for repairs with machining	grey	2.2	2:1	2.5:1	1	20	3.5	7	150	91	6.5	-	18.0	146	92	-	12
CERAMIC T	tixotropic, erosion and cavitation resistant	grey	2.3	2:1	2.5:1	1, 2, 5	20	3.5	7	150	94	6.6	-	17.8	144	90	-	36
CERAMIC F	fluid, abrasion resistant, erosion and cavitation resistant, water vapor and waterproof	grey blue	1.6	whole pack	9:1	0.5, 1	15	3.5	7	150	83	5.5	-	14.9	120	110	-	36
CERAMIC FSL	fluid, abrasion resistant, erosion and cavitation resistant, longer bond length	grey blue	2.0	whole pack	9:1	0.5, 1	50	7	7	150	88	6.0	-	15.9	120	110	-	36
CERAMIC FHT	fluid, abrasion resistant, erosion and cavitation resistant, for higher temperatures	dark grey	1.6	whole pack	9:1	0.5, 1	80	-	7	180	148	-	-	15.4	120	105	-	18
RAPID	tixotropic, general-purpose, very short bonding time	grey	2.3	5:1	9:1	0.25, 0.5	3	1	1	150	80	6.5	-	12.8	144	90	-	12
SLIDE	tixotropic, very good sliding properties, easily process able	black	1.5	2:1	2:1	0.5, 1	20	4	7	160	90	7.0	-	18.2	146	92	-	36
SLIDE F	fluid, very good sliding properties, easily process able	black	1.5	whole pack	9:1	0.25	15	7	7	160	109	7.0	-	18.0	142	94	-	36
METAL SUPER AL	tixotropic, defect refilling in aluminum alloys	aluminium	2.0	2:1	2.5:1	0.5	50	7	7	150	72	4.6	-	16.6	146	94	-	12
METAL SUPER BR	tixotropic, defect refilling in bronze	bronze	2.0	2:1	2.5:1	0.5	50	7	7	150	72	4.6	-	16.5	146	94	-	12
METAL SUPER MS	tixotropic, defect refilling in brass	brass	2.0	2:1	2.5:1	0.5	50	7	7	150	72	4.6	-	16.6	146	94	-	12
METAL SUPER SHT	tixotropic, for high temperatures	dark grey	2.0	14-27 REACTOR drops to the small BASE container	0.34	5	5+2 in temp. 200°C	7	300	218	6.5	-	-	18.0	146	92	-	12 in temp. <0°C
EPOXY SL	fluid, strain elements bonding, casting into subassemblies	light bronze	1.2	1:1	1:1	2, 5	210	-	7	120	-	-	-	18.6	-	-	-	36
SURFACE PROTECTOR A	fluid, protection against corrosion for steel and concrete materials	black	1.2	whole pack	2:1	2.25	240	-	7	80 dry	-	-	-	-	-	-	-	18
SURFACE PROTECTOR B	tixotropic, protection against abrasion wear	white	2.3	4:1	5:1	1	40	-	7	120	-	-	-	21.5	-	-	-	12
SURFACE PROTECTOR C	tixotropic, protection against abrasion wear	bronze	2.6	4:1	8.5:1	1, 5	30	-	7	120	-	-	-	10.0	-	-	-	36
SURFACE PROTECTOR CK	tixotropic, protection against abrasion wear, with a fine-grained filling material	bronze	2.7	4:1	8.5:1	1, 5	30	-	7	120	-	-	-	11.5	-	-	-	36
SURFACE PROTECTOR CF	fluid, protection against abrasion wear, with a fine-grained filling material	grey	1.8	4:1	7:1	1	50	-	7	100	-	-	-	20.0	-	-	-	12
SURFACE PROTECTOR D	fluid, protection against corrosion wear	available in four colours	1.3	whole pack	4:1	2.5	50	-	7	130 dry	-	-	-	16.0	-	-	-	18
ELASTOMER 90T	tixotropic, regeneration of rubber surfaces	dark grey	1.2	whole pack	0.05, 0.1, 0.2	15	-	7	120 dry	-	-	90	7.5	-	-	-	35	18
ELASTOMER 90F	fluid, regeneration of rubber surfaces	dark grey	1.2	whole pack	0.05, 0.1, 0.2	10	-	7	120 dry	-	-	90	7.5	-	-	-	35	18
ELASTOMER 80TR	fluid, regeneration of rubber surfaces	dark grey	1.2	whole pack	0.1	5	-	4	120 dry	-	-	80	6.0	-	-	-	35	18
ELASTOMER 75T	tixotropic, regeneration of rubber surfaces	dark grey	1.2	whole pack	0.05, 0.1, 0.2	15	-	7	120 dry	-	-	75	4.5	-	-	-	35	18
ELASTOMER 75F	fluid, regeneration of rubber surfaces	dark grey	1.2	whole pack	0.05, 0.1, 0.2	10	-	7	120 dry	-	-	75	4.5	-	-	-	35	18

ACCESSORIES: **SOFTENING AGENT** – reduces Chester elastomers' hardness; **RELEASE AGENT** – accelerating agent, prevents durable join of material used to regeneration with adjacent element to regenerated part (e.g. in case of regeneration of surface by imitation of co-operating surface)
EL20M – primer for elastomers; **CLEANER F-5** – industrial cleaning and degrease preparation; **FAST CLEANER F-7** – industrial degrease preparation; **GLASS TEXTILE TAPE** – for use to reinforce of cracks of the regenerating surfaces

