FOR IMPACT, ABRASION,CHEMICAL , CORROSSION RESISTANCE, HEAVY DUTY, DUST PROOF, VIBRATION, THERMAL MOVEMENT, ANTI FUNGAL, ANT FOOD, ELCTRIC, ELECTRONICS, , AUTO, CHEMICAL, TEXTILE, SURGICAL, INTRUMENTS, DAIRY, ENGINEERING, SUGAR, PAPER, PICKELING, , OPTICAL, M HOSPITALS, GODOWNS, GARAGES, LABORATORIES, WALKWAYS , SHOPS & MALLS, RAILWAYS, PAINT SHOPS, BATTERY ROOMS, COMPUTER ROOMS KITCHENS, EXIBITION HALLS, CANTEENS, ELECTROPLATING UNITS,ETC. AND FOR DAM , CANALS, RAILWAY PLATEFORM,

CHERECTERISTICS:- ZERO MAINTAINANCE, EXCELLENT DURABILITY & CHEMICAL RESISTANCE, CHOICE AMOOTH OR ANTI SKID PROPERTIES, EXCELLE SEAMLESS AND MONOLITHIC COATING. AVAILABE IN CLEAR OR COLOURED.

SR. NO.	APPLICATIONS	SYSTEMS	EPOXY RESIN	HARDENER	DILUENT	EXCELA RATER	FILLER	THINER	MIXING RATIO PBV	COATING THICKNESS MICRON/COAT	COVERAGE KG/SQ. MTR. (APPROX.)
1	ABRASION RESISTANCE FLOORINGS HEAVY DUTY	PRIMER COAT	ER-200	PR-160					100:50:00	60-80	0.5
		PUTTY	ER-200	PR-160			SILICA FLOOR		100:50:400		0.5
		FIRST COAT	ER-200	PR-160			CSM 450		100:50:00	80-100	1
		SCREED	ER-200	PR-160			Quartz sand 80-100 mesh size (mortar screed)		100:50:850		10 For 5mm thickness
		SEAL COAT	ER-200	PR-160					100:50:00	80-100	0.3
	MEDIUM DUTY	PRIMER COAT	ER-230	PR-140	PGE				100:50:10	60-80	0.5
		PUTTY	ER-230	PR-140	PGE		SILICA FLOOR		10:5:1:4		0.5
		SCREED	ER-230	PR-140			Quartz sand 80-100 mesh size (mortar screed)		100:50:850		10 For 5 mm thickness
		SEAL COAT	ER-230	PR-140					100:50:00	80-100	0.5
2	CHEMICAL	PRIMER COAT	ER-200	PR-160	H-111				100:27.5+5	60-80	0.5

	RESISTANT	**PUTTY**	ER-200	PR-160			**SILICA FLOOR**		100:50:400		0.5
		FIRST COAT	ER-200	H-330					100:45:15	80-100	0.7
				H-340							
		SEAL COAT	ER-200		H-111				100:10:00	80-100	0.5
			(Colored)								
3	**DUSTPROOF**										
	LIGHTDUTY	**PRIMER COAT**	ER-200	PR-160					100:50:00	60-80	0.5
		PUTTY	ER-200	PR-160			**SILICA FLOOR**		100:50:400		0.5
		FIRST COAT	ER-200	PR-160				TH-O1	100:35:15	80-100	0.5
			(Colored)								
		SEAL COAT	ER-230	PR-140					100:50:00	80-100	0.5
4	**SELF PRIMED**	**PRIMER COAT**	EP-15	H-15				TH-02	**4:1:.0.1/6:1:0.1**	80-100	8-10 SQ. MT.
	COLOURED	**PUTTY**	EP-15	H-15			**SILICA FLOOR**		4:1:5/6:1:4		4
	RED/CREAM/	**FIRST COAT**	EP-15	H-15					4:1/6:1	80-100	6-8 SQ. MT.
	YELLOW/BLUE	**SCREED**	EP-15	H-15			**Quartz sand**		4:01:07		**8-10 SQ. MT.**
							80-100 mesh size		6:01:06		**FOR 5 MM**
							(mortar screed)			80-100	**THICKNESS**
	WHITE/GREEN	**SEAL COAT**	EP-15	H-15				TH-02	4:1:.0.1/6:1:0.1		8-10 SQ. MT.

SR. NO.	APPLICATIONS	SYSTEMS	PU RESIN	HARDENER	DILUENT	EXCELA RATER	FILLER	THINER	MIXING RATIO PBV	COATING THICKNESS MICRON/COAT	PR COVERAGE KG/SQ. MTR. (APPROX.)
1	**PUP-23**	**ALIPHATIC**	PU-23	ALI-N-75					4:01	60-80	12-14 SQ.
	Clear,Red, Green, blue, grey,										

				Yellow/WHITE			
2	**PUP-23**	**AROMATIC**	PU-23	ARO-L-75	4:01	60-80	12-14 SQ.
				Clear,Red, Green, blue, grey, Yellow/WHITE			

NOTE:- (1) THE ABOVE CONSUMPTION ARE DEPEND UPON SURFACE AND COATING THICKNESS (2) PROPERTIES OF CURED SYSTEMS ARE DEPENDS U

(3) THE RATE OF MATERIAL(SYSTEMS) ARE GIVEN FOR JUST GUIDANCE., ACTUAL RATE WILL BE APPLICABLE AT THE TIME OF WRITEEN ORDER.

EPOXY FLOORINGS

TI MOSS,ANTI BACTERIAL IN PHARMA,
IETAL, INDUSTRIES, OPERATION THEATER
S

ENT MECHANICAL STRENGTH, DUST PROOF AND EASY TO CLEAN,

ROPERTIES OF MIXTURE 1 KG.						PROPERTIES OF CURED SYSTEMS						
POT LIFE	VISCOSITY OF MIX AT			CURING SHEDULE		COMPRESSIVE	FLEXURAL	TENSILE	IMPACT	WATER	DENSITY	HARDENESS
At 25oC	40oC	25oC	40oC	25oC hrs	40o C hrs	STRENGTH	STRENGTH	STRENGTH	STRENGTH	ABSORPTION	AT25oC	M.S. TO
min	min	mPas	mPas			kg/cm2	kg/cm2	kg/cm2	unnotched KJ/m2	mg	g/cm3	shore D
75	30	1700	680	24-48	18-24	13260	765	438	12.6	14	1.122	77
120	40			24-48	18-24	825	270	142	2.2	20.9	1.9	82
75	35	1950	680	24-48	18-24	347	204	94	25	23	1.1	70
135	45			24-48	18-24	734	234	153	2.2	27	1.77	82
23	14	1120	580	24	16	918	408	306	4.7	26.1	1.12	78

60	50	7000	2500	24-48	18-24	877	10200	500	10	65	1.1	76
22	7	4250	1300	24	12	1132	1100	563	11.8	21.2	1.28	79
75	30	1700	680	24-48	18-24	13260	765	438	12.6	14	1.122	77
60	15	13000	8500	24-48	18-24	945	700	240	50.5	32.4	1.21	78
65	23	11500	2200	24-48	18-24	1020	785	408	13	22	1.12	75

60-120

60-80

60-80

60-120

POLYURETHANE FLOOR COATINGS

PROPERTIES OF MIXTURE 1 KG.						PROPERTIES OF CURED SYSTEMS						
POT LIFE	VISCOSITY OF MIX AT			CURING SHEDULE		COMPRESSIVE	FLEXURAL	TENSILE	IMPACT	WATER	DENSITY	HARDENESS
At 25oC	40oC	25oC	40oC	25oC hrs	40o C hrs	STRENGTH	STRENGTH	STRENGTH	STRENGTH	ABSORPTION	AT25oC	M.S. TO
min	min	mPas	mPas	HARD DRY	FULL CURE	kg/cm2	kg/cm2	kg/cm2	unnotched			
UP TO 30				48 HRS	7 DAYS							

UP TO 30	48 HRS	7 DAYS

PON METHOD OF USE AND WORKMANSHIP

ADHESIVE STRENGTH M.S. 4 SQ.CM. JOINT AREA		RATE OF MATERIAL	APPROXIMATE RATE PER SQ.MT./ PER COAT				TOTAL RS. PS.
TENSILE	SHEAR	PER KG.	MATERIALS	TOOLS & TACKALS	LABOR	TOTAL RS.	PER SQ.MT.
kg/cm2	kg/cm2	OF SYSTEM		5%	20%		FOR 5MM
98	90	290	145	7.25	29	181.25	
		80	40	2	8	50	
		290	290	14.5	58	362.5	
		50	500	25	100	625	
		290	145	7.25	29	181.25	**1400**
135	112	290	145	7.25	29	181.25	
		80	40	2	8	50	
		50	500	25	100	625	
		290	145	7.25	29	181.25	**1038**
113	88	290	145	7.25	29	181.25	

		80	40	2	8	50	
76	46	330	231	11.55	46.2	288.75	
100	71	290	145	7.25	29	181.25	**700**
98	90	290	145	7.25	29	181.25	
		80	40	2	8	50	
110	102	280	140	2.8	28	170.8	
154	133	290	145	7.25	29	181.25	**583**
		190	24	1.2	4.8	30	
		50	12	0.6	2.4	15	
		190	32	1.6	6.4	40	
		35	35	1.75	7	43.75	
		190	24	1.2	4.8	30	**160**

ADHESIVE STRENGTH M.S. 4 SQ.CM. JOINT AREA		RATE OF MATERIAL	APPROXIMATE RATE PER SQ.MT./ PER COAT				TOTAL RS. PS.
			MATERIALS	TOOLS & TACKALS	LABOR	TOTAL	
TENSILE	SHEAR	PER KG.				RS. PS	PER SQ.MT.
				5%	20%		
		350	29.16	1.5	6	37	**37**

350	29.16	1.5	6	37	**37**