









































# Flexible Protection systems

## Impact Resistance

PRODUCT	MODEL	RAIL LENGTH	LOAD TYPE	ULTIMATE LOAD (JOULES) FOR IMPACT ANGLE DEGREES BELOW					
				10	15	30	45	60	90
RP		ANY	 						1.280,00
RC		ANY							2.800,00
ROD		70							2.000,00
		120							3.600,00
GRD		90							1.600,00
		150							4.100,00
		150 PLUS							5.033,00
		200							9.365,00
GR		90		79.592,25	35.827,69	9.600,00	4.800,00	3.200,00	2.400,00
		150		193.177,02	86.956,78	23.300,00	11.650,00	7.766,67	5.825,00
GRIN		90		92.857,62	41.798,97	11.200,00	5.600,00	3.733,33	2.800,00
		150		261.195,23	117.574,53	31.504,00	15.752,00	10.501,33	7.876,00
ROD FLOOR		70		115.010,80	51.771,01	13.872,00	6.936,00	4.624,00	3.468,00
		120		1.014.801,00	456.803,00	122.400,00	61.200,00	40.800,00	30.600,00

					ULTIMATE LOAD (JOULES) FOR IMPACT ANGLE DEGREES BELOW					
PRODUCT	MODEL	RAIL LENGTH	LOAD TYPE	10	15	30	45	60	90	
SM		1500		34.887,94	15.704,47	4.208,00	2.104,00	1.402,67	1.052,00	
LM	MOD	2000		135.970,00	61.205,63	16.400,00	8.200,00	5.466,67	4.100,00	
	RE	2000		309.414,87	139.280,14	37.320,00	18.660,00	12.440,00	9.330,00	
LM/1 LINK				388.973,96	175.092,90	46.916,00	23.458,00	15.638,67	11.729,00	
FENCE	90	1.500		26.530,75	11.942,56	3.200,00	1.600,00	1.066,67	800,00	
	150	1.500		132.885,89	59.817,31	16.028,00	8.014,00	5.342,67	4.007,00	
	150 REF	1.500		233.337,95	105.034,84	28.144,00	14.072,00	9.381,33	7.036,00	
	150 LINK	2.000		421.407,80*	189.692,68*	50.828,00*	25.414,00*	16.942,67*	12.707,00*	
LINK	SINGLE	2.000		288.521,91	129.875,37	34.800,00	17.400,00	11.600,00	8.700,00	
	LM	2.000		577.043,81*	259.750,74*	69.600,00*	34.800,00*	23.200,00*	17.400,00*	
	150/1	2.000		489.426,01	220.310,42	59.032,00	29.516,00	19.677,33	14.758,00	
	150/2	2.000		677.495,86	304.968,26	81.716,00	40.858,00	27.238,67	20.429,00	
	150/3	2.000		865.565,72*	389.626,10*	104.400,00*	52.200,00*	34.800,00*	26.100,00*	
HAND RAIL	90	1500		54.719,67*	24.631,54*	6.600,00*	3.300,00*	2.200,00*	1.650,00*	
PEDESTRIAN	90	1.500		99.490,31*	44.784,61*	12.000,00*	6.000,00*	4.000,00*	3.000,00*	
	90 GL REF	2.000		261.195,23	117.574,53	31.504,00	15.752,00	10.501,33	7.876,00	
	150	2.000		301.356,16	135.652,58	36.348,00	18.174,00	12.116,00	9.087,00	
	150 LINK	2.000		589.878,06	265.527,95	71.148,00	35.574,00	23.716,00	17.787,00	

**ULTIMATE LOAD (JOULES)**  
FOR IMPACT ANGLE DEGREES BELOW

PRODUCT	MODEL	RAIL LENGTH	LOAD TYPE	ULTIMATE LOAD (JOULES)						
				10	15	30	45	60	90	
PIN		PED 150	2500		557.145,80	250.793,80	67.200,00	33.600,00	22.400,00	16.800,00
		PED 200	2000		557.145,80	250.793,80	67.200,00	33.600,00	22.400,00	16.800,00
BFLEX		FRONT/1	2.000		135.970,09	61.205,63	16.400,00	8.200,00	5.466,67	4.100,00
		FRONT/2	2.000		271.940,19*	122.411,27*	32.800,00*	16.400,00*	10.933,33*	8.200,00*
		FRONT/1 MODULAR	2.000		135.970,09	61.205,63	16.400,00	8.200,00	5.466,67	4.100,00
		FRONT/2 MODULAR	2.000		271.940,19*	122.411,27*	32.800,00*	16.400,00*	10.933,33*	8.200,00*
		COM/1	2.000		143.697,17	64.683,90	17.332,00	8.666,00	5.777,33	4.333,00
		COM/2	2.000		287.394,35*	129.367,81*	34.664,00*	17.332,00*	11.554,67*	8.666,00*
TOWER					301.356,16	135.652,58	36.348,00	18.174,00	12.116,00	9.087,00
TOWER LINK		TOWER LINK/1	2.000		489.426,01	220.310,42	59.032,00	29.516,00	19.677,33	14.758,00
		TOWER LINK/2	2.000		677.495,86	304.968,26	81.716,00	40.858,00	27.238,67	20.429,00
		TOWER LINK/3	2.000		865.565,72*	389.626,10*	104.400,00*	52.200,00*	34.800,00*	26.100,00*
COPRO		90			79.592,25	35.827,69	9.600,00	4.800,00	3.200,00	2.400,00
		150			193.177,02	86.956,78	23.300,00	11.650,00	7.766,67	5.825,00
DOCK GATE					248.360,98	111.797,31	29.956,00	14.978,00	9.985,33	7.489,00
TRUCK LINE					193.177,02	86.956,78	23.300,00	11.650,00	7.766,67	5.825,00
CP		70			15.255,18	6.866,97	1.840,00	920,00	613,33	460,00
		120			21.556,23	9.703,33	2.600,00	1.300,00	866,67	650,00