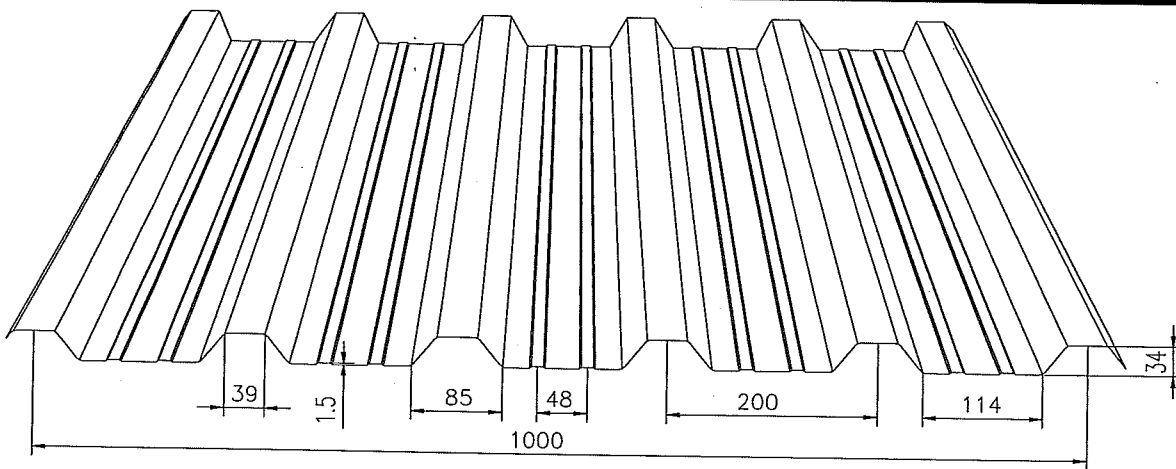
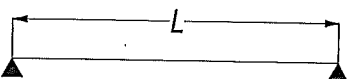



# Cyprometal – CY34



## Section Properties

Property	Symbol	0,50	0,60	0,80	1,00
Thickness	t [mm]	0,50	0,60	0,80	1,00
Weight	W [kg/m <sup>2</sup> ]	4,94	5,93	7,91	9,88
Moment of Inertia	J [cm <sup>4</sup> ]	9,82	11,98	15,92	20,12
Section Modulus	W <sub>el</sub> [cm <sup>3</sup> ]	4,50	5,50	7,30	9,23

Conditions of support	Thickness [mm]	Support spacing L [m]						
		1	1,25	1,5	1,75	2	2,25	2,5
		Maximum Uniform Load [kN/m <sup>2</sup> ]						
Single Span 	0,5	5,25	3,37	2,34	1,72	1,31	1,04	0,83
					2,24	1,41	0,93	0,65
	0,6	6,33	4,04	2,81	2,06	1,53	1,24	1,01
				2,68	1,66	1,12	0,76	0,57
0,8	8,41	5,38	3,74	2,75	2,09	1,62	1,34	
			3,58	2,22	1,48	0,97	0,74	
1	10,42	6,74	4,61	3,41	2,63	2,08	1,68	
			4,51	2,81	1,84	1,32	0,94	
Multi Span 	0,5	6,54	4,18	2,88	2,06	1,59	1,29	1,04
								1,06
	0,6	6,96	5,01	3,51	2,56	1,97	1,54	1,23
							1,29	0,96
0,8	10,51	6,73	4,66	3,41	2,62	2,06	1,56	
						1,73	1,26	
1	12,13	8,41	5,84	4,28	3,26	2,55	2,06	
						2,16	1,58	
Maximum Deflection L/200 [mm]		5	6,25	7,5	8,75	10	11,25	12,5

### Notes:

The net loads printed in the second row correspond to the limited deflection L/200.

The printed max uniform loads is without any factors

The self weight has been taken into account