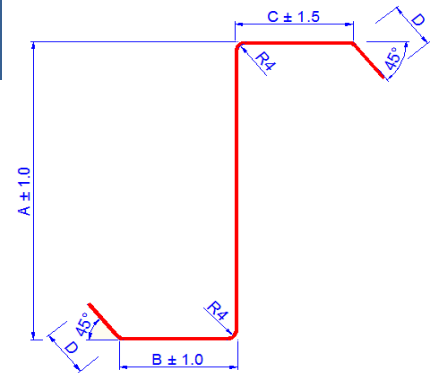


"ZEE" SECTION PURLINS

SPECIFICATIONS :

Nominal Size	Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"	MATERIAL THICKNESS															
					1.50	1.70	1.90	2.00	2.25	2.65	3.00	3.35	3.75	4.00						
305 * 90	305	90	90	25																
250 * 90	250	90	90	25																
200 * 60	200	60	60	25																
100 * 60	100	60	60	25																
100 * 50	100	50	50	19																
90 * 50	90	50	50	19																



Material: Galvanized/Black iron

Prepainted steel Grade 350 Mpa

Twist tolerance to be defined as follows:

A 6 meter long part is to lie flat on its own weight.

Zee purlins with web width (Dim. "A") of 100 mm or

less cannot be expected to be without twist

All Zee's with leg lengths (Dim. 's "B" & "C") of 54 mm or

more cannot have lip lengths (Dim. "D") greater than 28 mm.

All Zee's with leg lengths less than 54 mm cannot have lip lengths greater than 19 mm

ALEXFORM

Main Office : Behind 30 - Patrice Lumumba St. , El.Obour Building - 2nd. Floor - Alex.

Factory : Merghm Km 21 , Alex-Cairo Desert Road (Egypt)

Alexandria Office : 40 Kayed Goher St., Manshia Soghra

Cairo Office : 69 Abou Daud El Zahery St. , Nasr City

www.alexform.com

Tel.Fax : (+203) 39 25 798 / (+203) 39 25 768

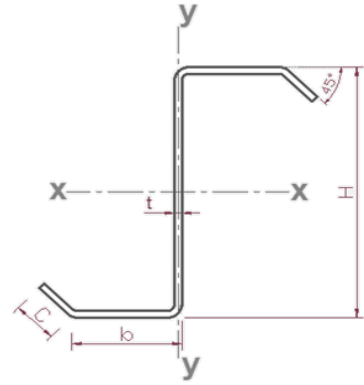
Tel. : (+203) 20 20 158 / 59 **Fax :** (+203) 20 23 640

Tel. : (+203) 48 48 506 **Fax :** (+203) 48 77 55.

Tel. : (+202) 22 737 651 **Fax :** (+202) 22 730 8

Sales@alexform.com

Zee Profile



This standard profile range helps the designer to choose the optimal profile. As a result, we are able to maintain short delivery times on the scale of each building project.

Section								Section properties						
Section Type	Section Name	H (mm)	b (mm)	C (mm)	t (mm)	G (kg/m)	steel Grade	A (cm ²)	I _x (cm ⁴)	Z _x (cm ³)	I _y (cm ⁴)	Z _y (cm ³)	r _x (cm)	r _y (cm)
Z 300	Z 300*4	300	90	25	4	15.8884	St.37 St.52 St.44	16.61	2692.51	179.50	355.91	33.58	12.73	4.63
	Z 300*3.5				3.5	13.9848		13.81	2346.34	156.42	312.57	29.51	13.03	4.76
	Z 300*3				3	12.0576		11.21	1997.36	133.16	271.24	25.55	13.35	4.92
	Z 300*2.5				2.5	10.1069		8.80	1642.92	109.53	229.37	21.54	13.66	5.11
	Z 300*2				2	8.1326		6.39	1244.16	82.94	181.56	17.02	13.95	5.33
Z 250	Z 250*4	250	90	25	4	14.3184	St.37 St.52 St.44	16.34	1765.31	141.22	352.84	33.39	10.39	4.65
	Z 250*3.5				3.5	12.611		13.66	1550.45	124.04	313.40	29.56	10.65	4.79
	Z 250*3				3	10.8801		11.12	1328.64	106.29	271.24	25.55	10.93	4.94
	Z 250*2.5				2.5	9.12563		8.74	1100.31	88.03	228.83	21.50	11.22	5.12
	Z 250*2				2	7.3476		6.41	845.52	67.64	182.54	17.11	11.49	5.34
Z 200	Z 200*4	200	70	25	4	11.4924	St.37 St.52 St.44	14.28	900.32	90.03	191.35	22.33	7.94	3.66
	Z 200*3.5				3.5	10.1383		11.95	795.09	79.51	169.97	19.78	8.16	3.77
	Z 200*3				3	8.7606		9.72	686.01	68.60	147.89	17.16	8.40	3.90
	Z 200*2.5				2.5	7.35938		7.63	572.59	57.26	125.11	14.48	8.66	4.05
	Z 200*2				2	5.9346		5.68	454.64	45.46	101.45	11.71	8.95	4.23
	Z 200*1.5				1.5	4.48628		4.13	330.04	33.00	75.45	8.68	8.94	4.27
Z 150	Z 150*4	150	60	25	4	9.2944	St.37 St.52 St.44	12.12	416.16	55.49	133.24	17.61	5.86	3.32
	Z 150*3.5				3.5	8.21503		10.66	368.97	49.20	118.59	15.62	5.88	3.33
	Z 150*3				3	7.1121		8.81	320.39	42.72	103.38	13.57	6.03	3.43
	Z 150*2.5				2.5	5.98563		6.95	269.99	36.00	87.62	11.46	6.23	3.55
	Z 150*2				2	4.8356		5.19	217.17	28.96	71.17	9.29	6.47	3.70
	Z 150*1.5				1.5	3.66203		3.59	162.01	21.60	54.37	7.07	6.71	3.89
Z 100	Z 100*4	100	50	20	4	6.7824	St.37 St.52 St.44	8.92	137.50	27.50	72.48	11.66	3.93	2.85
	Z 100*3.5				3.5	6.01703		7.86	122.57	24.51	64.75	10.38	3.95	2.87
	Z 100*3				3	5.2281		6.79	107.02	21.40	56.66	9.05	3.97	2.89
	Z 100*2.5				2.5	4.41563		5.70	90.84	18.17	48.20	7.66	3.99	2.91
	Z 100*2				2	3.5796		4.44	74.01	14.80	39.36	6.23	4.08	2.98
	Z 100*1.5				1.5	2.72003		3.08	56.32	11.26	30.13	4.75	4.27	3.13

Material : Galvanized / Black iron
Prepainted steel Grade 350 Mpa

For effective cross section properties.

ALEXFORM

Main Office : Behind 30 - Patrice Lumumba St. , El.Obour Building - 2nd. Floor - Alex.

Factory : Merghm Km 21 , Alex-Cairo Desert Road (Egypt)

Alexandria Office : 40 Kayed Goher St., Manshia Soghra

Cairo Office : 69 Abou Daud El Zahery St. , Nasr City

www.alexform.com

Tel.Fax : (+203) 39 25 798 / (+203) 39 25 768

Tel. : (+203) 20 20 158 / 59 **Fax :** (+203) 20 23 640

Tel. : (+203) 48 48 506 **Fax :** (+203) 48 77 552

Tel. : (+202) 22 737 651 **Fax :** (+202) 22 730 879

Sales@alexform.com