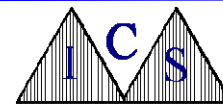
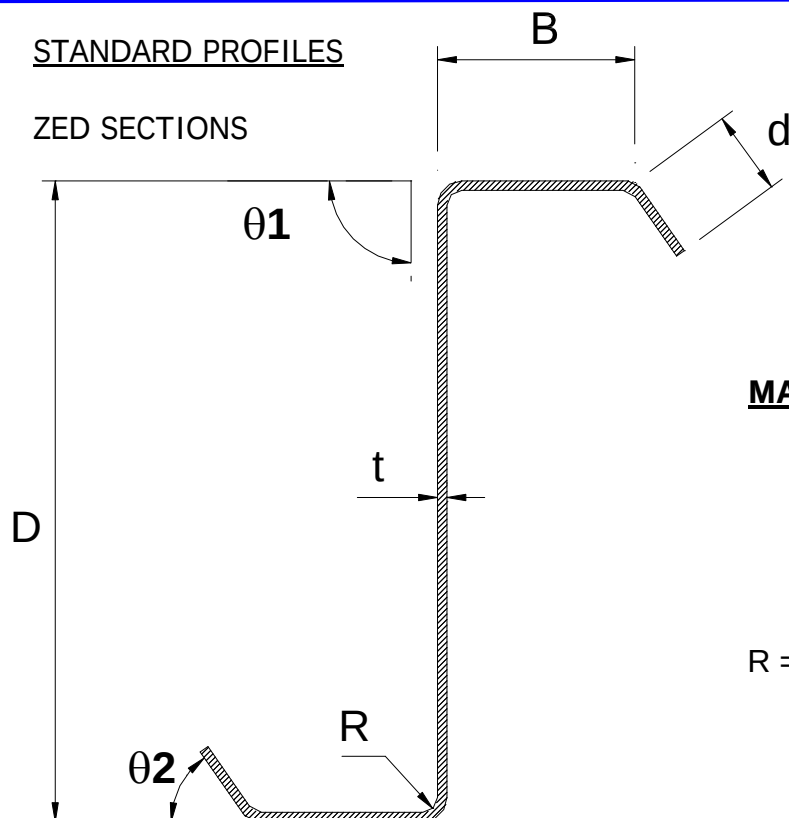


STANDARD PROFILES**ZED SECTIONS****Industrial Cladding Systems**

Industrial Cladding Systems
 Riverdale way,
 Newburn Haugh Industrial Estate,
 Lemington, Newcastle upon Tyne,
 NE15 8SF

MANUFACTURED TOLERANCES

D	± 3mm
B	± 3mm
D	± 3mm
θ1	± 3°
θ2	± 5°
t	Design thickness
R = 5mm for all bends	

Section REF	Weight Kg/m	Area Cm ²	D= Depth mm	B= width mm	T= Thick mm	Z SECTION PROPERTIES							
						Ixx Cm ⁴	Iyy cm ⁴	Zxx cm ³	Zyy cm ³	Rxx cm	Ryy cm	Cx cm	Cy cm
152/Z/1.4	3.37	4.29	152	62.5	1.4	160.2	41.2	21.07	5.85	6.11	3.10	7.60	7.05
152/Z/1.5	3.61	4.60	152	62.5	1.5	171.6	44.2	22.58	6.27	6.11	3.10	7.60	7.05
152/Z/1.6	3.85	4.90	152	62.5	1.6	183.0	47.1	24.08	6.69	6.11	3.10	7.60	7.05
152/Z/1.8	4.33	5.52	152	62.5	1.8	205.9	53.0	27.09	7.52	6.11	3.10	7.60	7.05
152/Z/2.0	4.81	6.13	152	62.5	2.0	228.8	58.9	30.10	8.36	6.11	3.10	7.60	7.05
152/Z/2.5	6.02	7.66	152	62.5	2.5	286.0	73.6	37.63	10.45	6.11	3.10	7.60	7.05
177/Z/1.4	3.64	4.64	177	62.5	1.4	227.5	41.2	25.71	5.85	7.00	2.98	8.85	7.05
177/Z/1.5	3.90	4.97	177	62.5	1.5	243.8	44.2	27.54	6.27	7.00	2.98	8.85	7.05
177/Z/1.6	4.16	5.30	177	62.5	1.6	260.0	47.1	29.38	6.69	7.00	2.98	8.85	7.05
177/Z/1.8	4.68	5.97	177	62.5	1.8	292.5	53.0	33.05	7.52	7.00	2.98	8.85	7.05
177/Z/2.0	5.20	6.63	177	62.5	2	325.0	58.9	36.73	8.36	7.00	2.98	8.85	7.05
177/Z/2.5	6.51	8.29	177	62.5	2.5	406.3	73.6	45.91	10.45	7.00	2.98	8.85	7.05
203/Z/1.5	4.21	5.36	203	62.5	1.5	335.4	44.2	33.04	6.27	7.91	2.87	10.15	7.05
203/Z/1.6	4.49	5.72	203	62.5	1.6	357.7	47.1	35.25	6.69	7.91	2.87	10.15	7.05
203/Z/1.8	5.05	6.44	203	62.5	1.8	402.5	53.0	39.65	7.52	7.91	2.87	10.15	7.05
203/Z/2.0	5.61	7.15	203	62.5	2.0	447.2	58.9	44.06	8.36	7.91	2.87	10.15	7.05
203/Z/2.5	7.02	8.94	203	62.5	2.5	559.0	73.6	55.07	10.45	7.91	2.87	10.15	7.05
203/Z/2.9	8.14	10.37	203	62.5	2.9	648.4	85.4	63.88	12.12	7.91	2.87	10.15	7.05
228/Z/1.6	4.80	6.12	228	62.5	1.6	470.0	47.1	41.23	6.69	8.76	2.77	11.40	7.05
228/Z/1.8	5.40	6.89	228	62.5	1.8	528.7	53.0	46.38	7.52	8.76	2.77	11.40	7.05
228/Z/2.0	6.01	7.65	228	62.5	2.0	587.5	58.9	51.53	8.36	8.76	2.77	11.40	7.05
228/Z/2.5	7.51	9.56	228	62.5	2.5	734.4	73.6	64.42	10.45	8.76	2.77	11.40	7.05
228/Z/2.9	8.71	11.09	228	62.5	2.9	851.9	85.4	74.73	12.12	8.76	2.77	11.40	7.05
228/Z/3.2	9.61	12.24	228	62.5	3.2	940.0	94.3	82.46	13.38	8.76	2.78	11.40	7.05
254/Z/1.6	5.13	6.54	254	62.5	1.6	607.1	47.1	47.80	6.69	9.64	2.68	12.70	7.05
254/Z/1.8	5.77	7.35	254	62.5	1.8	683.0	53.0	53.78	7.52	9.64	2.68	12.70	7.05
254/Z/2.0	6.41	8.17	254	62.5	2.0	758.9	58.9	59.75	8.36	9.64	2.68	12.70	7.05
254/Z/2.5	8.02	10.21	254	62.5	2.5	948.6	73.6	74.69	10.45	9.64	2.69	12.70	7.05
254/Z/2.9	9.30	11.85	254	62.5	2.9	1,100.4	85.4	86.64	12.13	9.64	2.69	12.70	7.05
254/Z/3.2	10.26	13.07	254	62.5	3.2	1,214.2	94.3	95.61	13.38	9.64	2.69	12.70	7.05