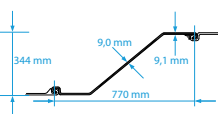


ZZ shapes sheet piles

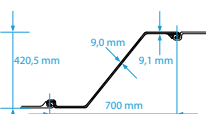
GOOIMEER

	Per single piles							Per meter wall					S 240 GP	S 355 GP
	Width	Height	Back thickness	Web thickness	Gross sectional area	Weight	Coating area	Gross sectional area	Weight	Moment of inertia	Elastic section modulus	Plastic section modulus		
	mm	mm	mm	mm	cm ²	kg/m	m ² /m	cm ² /m	kg/m ²	cm ⁴ /m	cm ³ /m	cm ³ /m	kNm/m	kNm/m
ZZ12-770	770	343,5	8,6	8,5	92,99	72,8	1,96	120,80	94,5	21.496	1.252	1.488	300	444
ZZ13-770	770	344,0	9,1	9,0	97,40	76,2	1,96	126,50	99,0	22.433	1.304	1.551	313	463
ZZ14-770	770	344,5	9,6	9,5	101,80	79,6	1,96	132,20	103,4	23.370	1.357	1.613	326	482
ZZ17-700	700	420,0	8,5	8,4	92,99	73,3	1,97	132,80	104,7	36.425	1.735	2.032	416	616
ZZ18-700	700	420,5	9,1	9,0	97,40	76,7	1,97	139,10	109,6	38.001	1.807	2.132	434	641
ZZ19-700	700	421,0	9,6	9,5	101,80	80,2	1,97	145,40	114,6	39.578	1.880	2.210	451	667
ZZ20-700	700	421,5	10,1	10,0	106,20	83,7	1,97	151,70	119,5	41.155	1.953	2.304	469	693
ZZ24-700	700	459,2	11,3	11,2	122,06	95,8	2,05	174,40	136,9	55.949	2.437	2.875	585	865
ZZ26-700	700	460,2	12,3	12,2	131,18	103,0	2,05	187,40	147,1	59.843	2.601	3.071	624	923
ZZ28-700	700	461,2	13,3	13,2	140,30	110,1	2,05	200,40	157,3	63.740	2.764	3.278	663	981
ZZ36-700	700	499,2	15,1	11,2	151,27	118,7	2,18	216,10	169,6	89.753	3.596	4.151	863	1.277
ZZ38-700	700	500,2	16,1	12,2	161,16	126,5	2,18	230,20	180,7	94.984	3.798	4.363	912	1.348
ZZ40-700	700	501,2	17,1	13,2	171,06	134,3	2,18	244,40	191,8	100.219	3.999	4.610	960	1.420
ZZ42-700	700	499,2	18,1	14,0	182,12	143,0	2,17	260,17	204,2	105.543	4.228	4.882	1.015	1.501
ZZ44-700	700	500,2	19,1	15,0	192,02	150,7	2,17	274,31	215,3	110.942	4.436	5.096	1.065	1.575
ZZ46-700	700	501,2	20,1	16,0	201,93	158,5	2,17	288,47	226,5	116.159	4.635	5.343	1.112	1.645
ZZ48-700	700	503,2	22,1	15,0	202,99	159,3	2,17	290,0	227,6	120.467	4.788	5.528	1.149	1.700
ZZ50-700	700	504,2	23,1	16,0	212,41	166,7	2,17	303,44	238,2	125.358	4.973	5.713	1.194	1.765
ZZ52-700	700	505,2	24,1	17,0	222,07	174,3	2,17	317,24	249,0	130.403	5.162	5.951	1.239	1.833

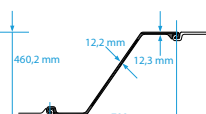
ZZ13



ZZ18



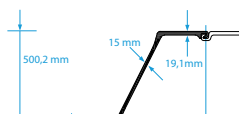
ZZ26



ZZ38



ZZ44



ZZ50



Deliverable in steel grades: S 355 GP; S 390 GP; S 430 GP

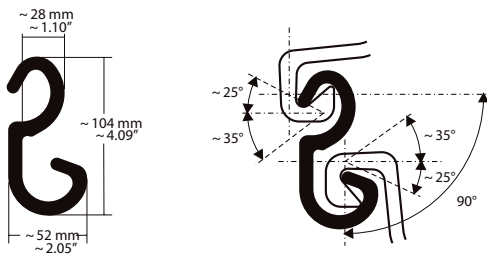
- As single, double and quadruple piles available
- Sections according to EN 10248 part 1 & 2



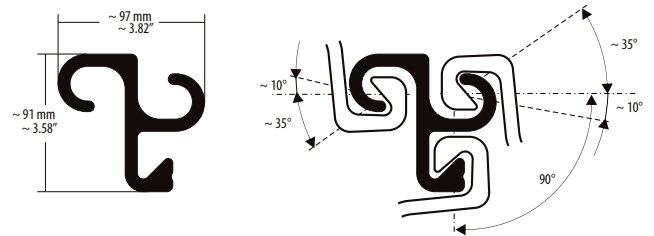
ZZ corner sections



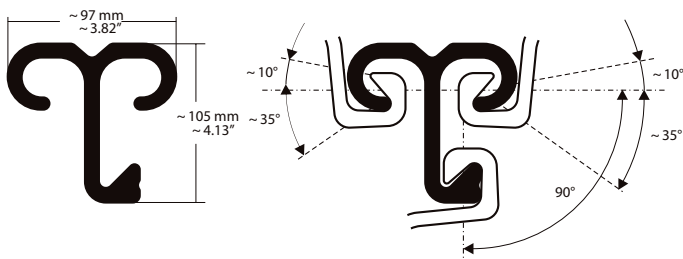
V20



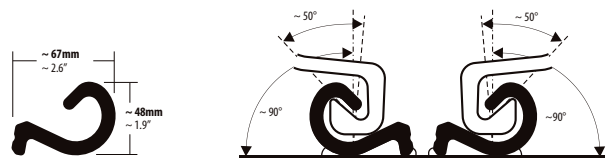
VTS



VT



V22



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