



### ESC - EU SHEET PILE RANGE

Section	Class <sup>1</sup>	Dimensions <sup>2</sup> (mm)			Coating Area <sup>3</sup> (m <sup>2</sup> /m)	Section Area (cm <sup>2</sup> /m)	Mass		Elastic Section Modulus (cm <sup>3</sup> /m)	Moment of Inertia (cm <sup>4</sup> /m)	Radius of Gyration (cm)
		w	h	t			(kg/m)	(kg/m <sup>2</sup> )			
ESC-EU3	3	830	139	5.75	2.39	70.4	45.9	55.3	320	2050	5.40
ESC-EU4	3	800	159	5.75	2.48	73.0	45.9	57.3	390	2800	6.20
ESC-EU5	3	750	199	5.75	2.64	77.9	45.9	57.3	500	4610	7.70
ESC-EU6	3	720	212	6.50	2.75	90.5	51.2	71.1	600	6040	8.20
ESC-EU8	3	700	236	7.50	2.88	112.2	61.6	88.1	810	8850	8.90
ESC-EU9	3	800	236	8.00	2.82	119.3	74.9	93.6	900	9710	9.00
ESC-EU12	3	1200	359	8.00	2.68	109.2	102.8	85.7	1200	20670	13.80
ESC-EU13	3	1200	354	8.00	2.71	112.8	106.3	88.6	1260	21130	13.70
ESC-EU14	3	1150	393	8.00	2.83	117.7	106.3	92.4	1410	26280	14.90
ESC-EU15	3	1100	399	8.00	2.96	123.1	106.3	96.6	1520	28850	15.30
ESC-EU16	3	1150	394	9.50	2.83	137.3	123.9	107.8	1620	30370	14.90
ESC-EU17	2	1100	422	9.50	2.96	143.5	123.9	112.7	1740	35800	15.80
ESC-EU18	2	1100	422	9.75	2.96	146.9	126.9	115.3	1800	36620	15.80
ESC-EU19	3	1050	417	9.50	3.10	150.4	123.9	118.1	1910	37930	15.90
ESC-EU20	3	1300	508	9.50	2.96	142.5	145.3	111.8	2060	51440	19.00
ESC-EU22	3	1350	505	10.00	2.88	150.6	159.6	118.2	2220	53230	18.80
ESC-EU24	3	1300	520	10.00	2.99	156.3	159.6	122.7	2380	58940	19.40
ESC-EU25	2	1250	563	10.00	3.11	162.5	159.6	127.6	2520	68970	20.60
ESC-EU26	2	1200	564	10.00	3.24	169.4	159.6	133.0	2620	73470	20.80
ESC-EU28	2	1300	521	12.00	2.99	184.0	187.8	144.5	2760	68620	19.30
ESC-EU32	2	1400	608	12.00	3.06	188.0	206.7	147.6	3190	93150	22.30
ESC-EU34	2	1350	615	12.00	3.17	195.0	206.7	153.1	3390	100160	22.70
ESC-EU36	2	1300	633	12.00	3.30	202.5	206.7	159.0	3600	109560	23.30
ESC-EU40	2	1400	602	15.00	3.10	240.1	263.9	188.5	4090	118080	22.20
ESC-EU46	2	1300	626	15.00	3.34	258.5	263.9	202.9	4600	138150	23.10
ESC-EU50	2	1250	642	16.00	3.47	285.0	279.6	223.7	5070	158510	23.60

NOTES:

<sup>1</sup> Cross section class defined as per Euro Code EN 1993-5:2007 ; Class 2 sections may be used with plastic design.

<sup>2</sup> Dimension may be varied at client's request to suit specific requirements.

<sup>3</sup> Coating area for both sides of piles measured per linear metre of wall ; For single side painting, divide value by 2.