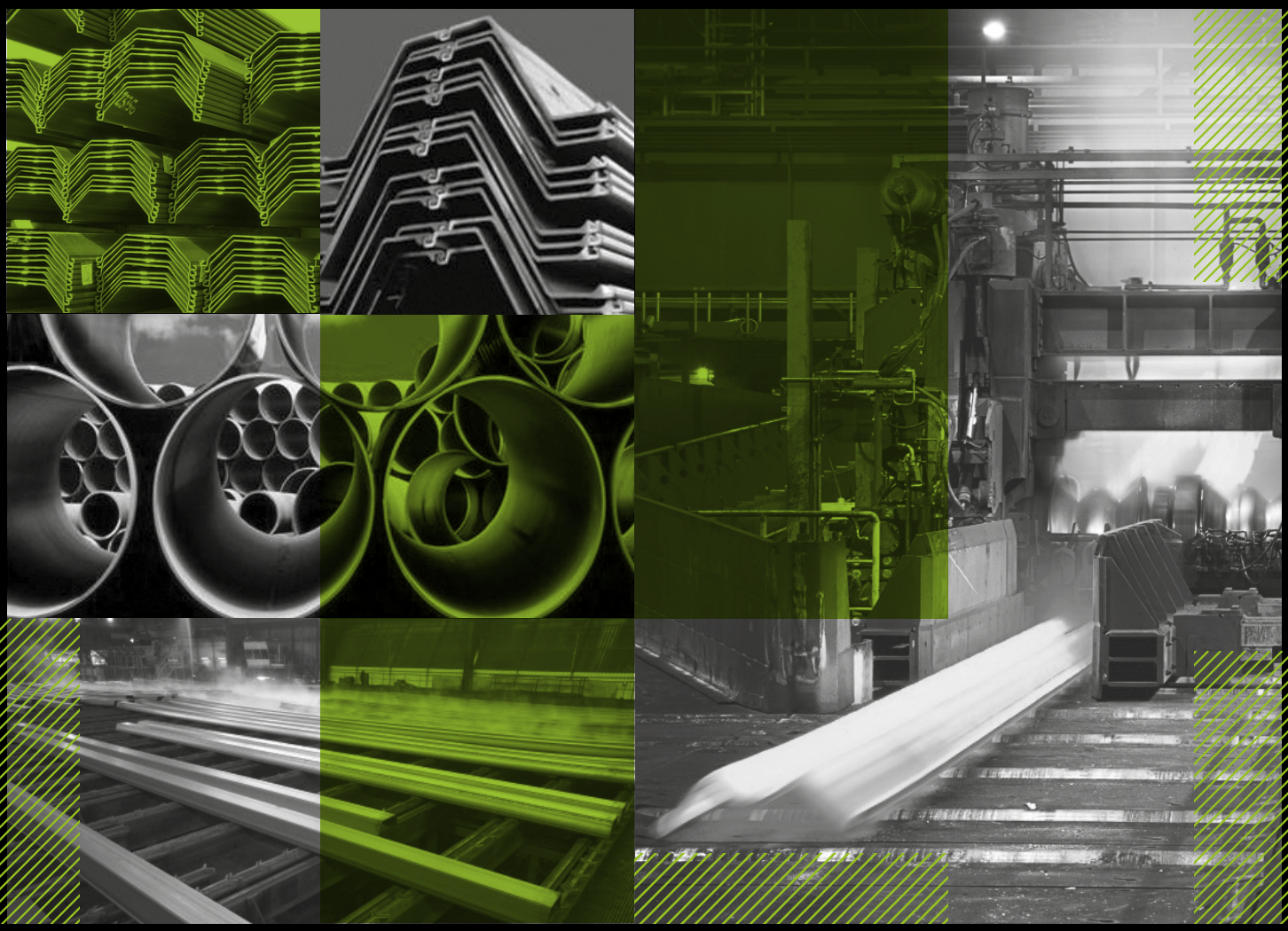
BEAVER84

ALTRAD
An Altrad Group Company

BEAVER84 INTRODUCES ITS RANGE OF SHEET PILING:

- SHEET PILES
- LIGHT PILES
- TRENCH SHEETS
- PILING TUBES
- BEARING PILES
- BEAMS & COLUMNS



HEAD OFFICE
Churchill House
Sopwith Crescent
Wickford, Essex SS11 8YU

0870 423 85 84
www.beaver84.co.uk
sales@beaver84.co.uk
AltradBeaver84
AltradBeaver84

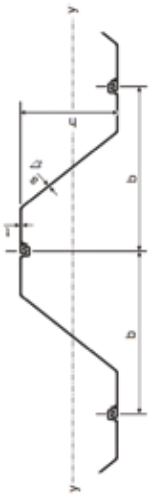
FENCING GROUNDWORKS ACCESS EVENTS

U-Shape LARSSEN Profile

LARSSEN <can be> Rolled +/- 0.5

Section	Section Modulus		Weight		Moment of Inertia	Back Thickness	Web Thinkness	Wall Height	Section Width
	W_y (cm³/m)	(cm³)	(kg/m²)	(kg/m)	I_y cm⁴/m	t (mm)	s (mm)	h (mm)	b (mm)
	Pile Wall	Single Pile	Pile Wall	Single Pile	Pile Wall				
LARSSEN 22	1308	357	126.7	63.4	22235	10.5	9.2	340	500
LARSSEN 23	2070	551	158.6	79.3	43470	12.0	10.2	420	500
LARSSEN 24	2560	581	178.6	89.3	53760	16.1	10.2	420	500
LARSSEN 25	3100	626	209.6	104.8	65100	20.5	11.7	420	500
LARSSEN 600	540	132	99.0	59.4	4050	10.0	9.9	150	600
LARSSEN 601	790	246	81.8	49.1	12245	8.0	6.8	310	600
LARSSEN 602	880	264	92.5	55.5	13640	8.7	8.4	310	600
LARSSEN 603	1250	340	111.5	66.9	19375	10.2	8.5	310	600
LARSSEN 603 K	1290	343	116.5	69.9	19995	10.5	9.3	310	600
LARSSEN 604 n	1667	421	126.5	75.9	31675	10.5	9.2	380	600
LARSSEN 605	2090	525	142.5	85.5	43890	13.0	9.2	420	600
LARSSEN 606 n	2570	610	160.5	96.3	55900	14.9	9.4	435	600
LARSSEN 628	2845	589	169.0	101.4	64870	16.8	10.0	456	600
LARSSEN 607 n	3270	681	193.5	116.1	73900	19.5	10.8	452	600
LARSSEN 703	1270	433	100.0	70.0	25400	10.0	8.3	400	700
LARSSEN 716	1660	517	117.6	82.3	36520	10.7	9.8	440	700
LARSSEN 720	2070	597	132.1	99.1	46570	12.5	10.3	450	750

HOESCH Z Profile



HOESH Z Profile

Section	Section Modulus		Weight		Moment of Inertia	Back Thickness	Web Thinkness	Wall Height	Section Width
	W_y (cm³/m)	(cm³)	(kg/m²)	(kg/m)	I_y cm⁴/m	t (mm)	s (mm)	h (mm)	b (mm)
	Pile Wall	Single Pile	Pile Wall	Single Pile	Pile Wall				
HOESCH 1707	1735	1215	104.6	73.2	36435	8.7	8.5	420	700
HOESCH 1807	1800	1260	109.3	76.5	37800	9.2	9.0	420	700
HOESCH 1907	1865	1306	113.9	79.7	39165	9.7	9.5	420	700
HOESCH 2007	1945	1362	119.4	83.6	40845	10.3	10.1	420	700
HOESCH 2407	2450	1715	136.7	95.7	53000	11.0	11.0	440	700
HOESCH 2507	2525	1768	141.4	99.0	55550	11.5	11.5	440	700
HOESCH 2607	2600	1820	146.2	102.3	57200	12.0	12.0	440	700
HOESCH 2707	2705	1894	153.0	107.1	59520	12.7	12.7	440	700
HOESCH 2807	2765	1936	156.7	109.7	60830	13.1	13.1	440	700
HOESCH 3607	3595	2517	167.7	117.4	89875	16.8	10.8	500	700
HOESCH 3707	3696	2587	173.7	121.6	92400	17.4	11.4	500	700
HOESCH 3807	3800	2660	179.8	125.9	95000	18.0	12.0	500	700
HOESCH 3907	3925	2745	186.8	130.8	98000	18.7	12.7	500	700
HOESCH 4007 [1)]	3970	2780	190.0	133.0	99250	19.0	13.0	500	700
HOESCH 1105	1100	633	101.0	58.1	14300	8.8	8.8	260	575
HOESCH 1205	1140	655	107.0	61.5	14820	9.5	9.5	260	575
HOESCH 1205	1200	690	112.5	64.7	15600	10.2	10.2	260	575

TRENCH SHEETING

STANDARD - Overlapping profile in mild steel, available in lengths from 1.0m - 8.0m

a (mm)	Effective Width (per sheet)	h (mm)	t (mm)	Kg (per linear m.)	Kg (per sq. m.)	Section Modulus (per sheet)	Bending Moment (KNm/m)
350	330	35	3.4	10.86	32.91	15.93	7.75

BVI - Overlapping profile in high yield steel, available in lengths from 3.0m - 12.0m

a (mm)	b (mm)	c (mm)	h (mm)	t (mm)	Kg (per linear m.)	Kg (per sq. m. of wall)	Section Modulus (per sheet)	Section Modulus (cm³ per m.)	Bending Moment (KNm/m)
742	764	267	90	6	40.90	55.12	143.75	193.74	45.2

HD2 - Overlapping profile in high yield steel, available in lengths from 3.0m - 12.0m

a (mm)	b (mm)	c (mm)	h (mm)	t (mm)	Kg (per linear m.)	Kg (per sq. m. of wall)	Section Modulus (per sheet)	Section Modulus (cm³ per m.)	Bending Moment (KNm/m)
742	764	267	90	8	54.17	73.01	187.91	253.25	59

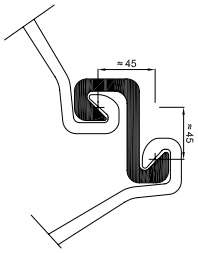
BD500 - Overlapping profile in high yield steel, available in lengths from 3.0m - 12.0m

a (mm)	b (mm)	c (mm)	h (mm)	t (mm)	Kg (per linear m.)	Kg (per sq. m. of wall)	Section Modulus (per sheet)	Section Modulus (cm³ per m.)	Bending Moment (KNm/m)
508	522.9	220	50	6	27.74	54.61	51.25	100	36.41

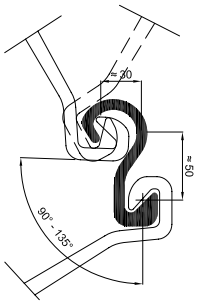
STANDARD - Overlapping profile in mild steel, available in lengths from 1.0m - 8.0m

a (mm)	Effective Width (per sheet)	h (mm)	t (mm)	Kg (per linear m.)	Kg (per sq. m.)	Section Modulus (per sheet)	Bending Moment (KNm/m)
460	432	35	3.4	14.52	33.61	22.23	8.22

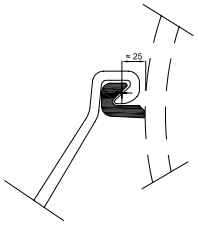
E20
15.38 kg/m



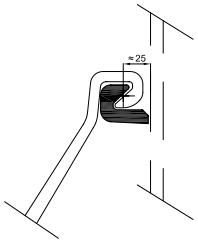
E20 XL
12.02 kg/m



E21
6.27 kg/m

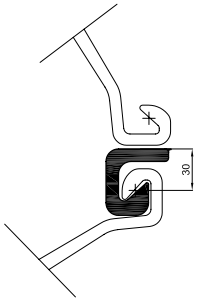
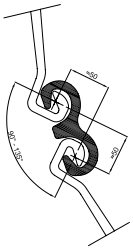


Combi-Pile Application



Standard Sheet Pile Application

E22
10.22 kg/m



OMEGA
17.33 kg/m