

Cold formed Profiles

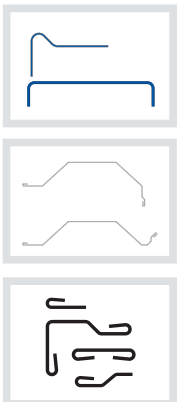
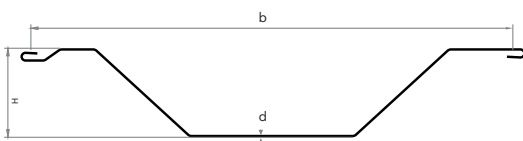
Cold rolled or cold formed sheet piling is produced to order for our customers. The dimensions, weight and technical specifications of this sheet piling exactly match the values laid down in the building specifications.

Advantages:

- Larger effective width = fewer interlock seals
- Less material = lower weight per m²
- Suitable for smaller series
- Short delivery times
- Alternative to tropical hardwood
- High watertightness

Available in thicknesses up to 10 mm and lengths up to 18.000 mm. Below shows you the comparison between hot rolled sheet piles and our IBO® cold formed sheet piles in different thicknesses.

Our Omega Profiles are developed by certified engineers whereby your requirements are the basis. We will develop the most advantageously Profile with the required Modulus of Section. Your requirements regarding steelgrade, thickness, width, height will be considered. On the next page you will find some possible Omega Profiles. On demand you will receive a special profile which is specially developed for your Project.



On request we can make the required cover profile.

Example sheet pile	Thickness	Profile	Technical details	Hot rolled sheet piles	Weight advantage relative to hot rolled profile
GU 6N Wy 625 cm ³ /m ly 9.670 cm ⁴ /m 69,9 m ²	5 mm	IBO® - 708-5	Wy 708 cm ³ /m ly 11.413 cm ⁴ /m 51,3 kg/m ²	GU 6N	- 27%
	6 mm	IBO® - 736-6	Wy 736 cm ³ /m ly 11.238 cm ⁴ /m 59,0 kg/m ²	GU 6N	- 16%
	7 mm	IBO® - 741-7	Wy 741 cm ³ /m ly 9.692 cm ⁴ /m 67,9 kg/m ²	GU 6N	- 3%
Larssen 601 Wy 745 cm ³ /m ly 11.520 cm ⁴ /m 78,0 kg/m ²	5 mm	IBO® - 781-5	Wy 781 cm ³ /m ly 14.118 cm ⁴ /m 54,1 kg/m ²	Larssen 601 GU 7S	- 30% - 30%
	6 mm	IBO® - 788-6	Wy 788 cm ³ /m ly 13.009 cm ⁴ /m 62,6 kg/m ²	Larssen 601 GU 7S	- 19% - 19%
	7 mm	IBO® - 797-7	Wy 797 cm ³ /m ly 11.192 cm ⁴ /m 70,7 kg/m ²	Larssen 601 GU 7S	- 8% - 8%
GU 7S Wy 740 cm ³ /m ly 11.540 cm ⁴ /m 77,1 kg/m ²	5 mm	IBO® - 867-5	Wy 867 cm ³ /m ly 17.804 cm ⁴ /m 53,6 kg/m ²	Larssen 602 GU 8S	- 40% - 37%
	6 mm	IBO® - 835-6	Wy 835 cm ³ /m ly 13.721 cm ⁴ /m 63,4 kg/m ²	Larssen 602 GU 8S	- 29% - 25%
	7 mm	IBO® - 846-7	Wy 846 cm ³ /m ly 12.240 cm ⁴ /m 71,8 kg/m ²	Larssen 602 GU 8S	- 19% - 15%
Larssen 602 Wy 830 cm ³ /m ly 12.870 cm ⁴ /m 89,0 kg/m ²	5 mm	IBO® - 867-5	Wy 867 cm ³ /m ly 17.804 cm ⁴ /m 53,6 kg/m ²	Larssen 602 GU 8S	- 40% - 37%
	6 mm	IBO® - 835-6	Wy 835 cm ³ /m ly 13.721 cm ⁴ /m 63,4 kg/m ²	Larssen 602 GU 8S	- 29% - 25%
	7 mm	IBO® - 846-7	Wy 846 cm ³ /m ly 12.240 cm ⁴ /m 71,8 kg/m ²	Larssen 602 GU 8S	- 19% - 15%
GU 8S Wy 820 cm ³ /m ly 12.800 cm ⁴ /m 84,6 kg/m ²	5 mm	IBO® - 867-5	Wy 867 cm ³ /m ly 17.804 cm ⁴ /m 53,6 kg/m ²	Larssen 602 GU 8S	- 40% - 37%
	6 mm	IBO® - 835-6	Wy 835 cm ³ /m ly 13.721 cm ⁴ /m 63,4 kg/m ²	Larssen 602 GU 8S	- 29% - 25%
	7 mm	IBO® - 846-7	Wy 846 cm ³ /m ly 12.240 cm ⁴ /m 71,8 kg/m ²	Larssen 602 GU 8S	- 19% - 15%
Larssen 603 Wy 1.200 cm ³ /m ly 18.600 cm ⁴ /m 108,0 kg/m ²	6 mm	IBO® - 1245-6	Wy 1.245 cm ³ /m ly 26.474 cm ⁴ /m 70,9 kg/m ²	Larssen 603 AZ 12-770	- 34% - 25%
	7 mm	IBO® - 1245-7	Wy 1.245 cm ³ /m ly 24.688 cm ⁴ /m 78,0 kg/m ²	Larssen 603 AZ 12-770	- 27,8% - 17,3%
	8 mm	IBO® - 1310-8	Wy 1.310 cm ³ /m ly 23.620 cm ⁴ /m 87,1 kg/m ²	Larssen 603 AZ 12-770	- 19% - 8%
AZ 12-770 Wy 1.245 cm ³ /m ly 21.430 cm ⁴ /m 94,3 kg/m ²	6 mm	IBO® - 1245-6	Wy 1.245 cm ³ /m ly 26.474 cm ⁴ /m 70,9 kg/m ²	Larssen 603 AZ 12-770	- 34% - 25%
	7 mm	IBO® - 1245-7	Wy 1.245 cm ³ /m ly 24.688 cm ⁴ /m 78,0 kg/m ²	Larssen 603 AZ 12-770	- 27,8% - 17,3%
	8 mm	IBO® - 1310-8	Wy 1.310 cm ³ /m ly 23.620 cm ⁴ /m 87,1 kg/m ²	Larssen 603 AZ 12-770	- 19% - 8%
Larssen 604 Wy 1.616 cm ³ /m ly 30.400 cm ⁴ /m 123,0 kg/m ²	8 mm	IBO® - 1616-8	Wy 1.616 cm ³ /m ly 34.434 cm ⁴ /m 94,8 kg/m ²	Larssen 604	- 23%
	9 mm	IBO® - 1757-9	Wy 1.757 cm ³ /m ly 37.667 cm ⁴ /m 106,5 kg/m ²	Larssen 604	- 13%
	8 mm	IBO® - 1805-8	Wy 1.805 cm ³ /m ly 40.772 cm ⁴ /m 100,2 kg/m ²	AZ 18-700	- 8,3%
AZ 18-700 Wy 1.800 cm ³ /m ly 37.800 cm ⁴ /m 109,3 kg/m ²	8 mm	IBO® - 1805-8	Wy 1.805 cm ³ /m ly 40.772 cm ⁴ /m 100,2 kg/m ²	AZ 18-700	- 8,3%
	8 mm	VKZ® - 1850-8	Wy 1.850 cm ³ /m ly 44.850 cm ⁴ /m 95,6 kg/m ²	AZ 18-700	- 21,5%

InfraRentals

Section	Wy	ly	Width	Height	Thickness	Weight	Coating area	
	cm ³ /m	cm ⁴ /m	mm	mm	t (mm)	kg/m ¹	kg/m ²	m ² /m
IBO® 243-4	243	1.852	1.293	150	4,0	48,0	37,1	2,32
IBO® 415-4	415	5.215	1.178	250	4,0	48,0	40,7	2,55
IBO® 420-4	420	5.465	1.499	260	4,0	57,6	38,4	2,40
IBO® 619-4	619	10.926	1.540	350	4,0	64,0	41,6	2,60
IBO® 179-5	179	838	803	90	5,0	40,0	50,0	2,49
IBO® 238-5	238	1.378	1.297	115	5,0	60,0	46,3	2,31
IBO® 392-5	392	3.698	1.544	186	5,0	72,0	46,6	2,33
IBO® 400-5	400	4.095	1.236	200	5,0	60,0	48,5	2,43
IBO® 450-5	450	5.182	1.504	230	5,0	72,0	47,2	2,39

InfraRentals

Section	Wy	ly	Width	Height	Thickness	Weight		Coating area
	cm ³ /m	cm ⁴ /m	mm	mm	t (mm)	kg/m ¹	kg/m ²	m ² /m
IBO® 497-5	497	5.581	1.479	222	5,0	72,0	48,7	2,43
IBO® 530-5	530	7.060	1.660	255	5,0	80,0	48,2	2,41
IBO® 577-5	577	8.708	1.462	300	5,0	72,0	49,2	2,46
IBO® 619-5	619	9.747	1.643	300	5,0	80,0	48,7	2,43
IBO® 708-5	708	11.413	1.558	315	5,0	80,0	51,3	2,57
IBO® 772-5	772	12.829	1.513	330	5,0	80,0	52,9	2,64
IBO® 782-5	782	12.702	1.301	325	5,0	72,0	55,3	2,77
IBO® 867-5	867	17.804	1.492	410	5,0	80,0	53,6	2,68
IBO® 949-5	949	21.511	1.430	450	5,0	80,0	55,9	2,80
IBO® 361-6	361	2.724	1.267	150	6,0	72,0	56,8	2,37
IBO® 415-6	415	3.438	1.240	165	6,0	72,0	58,1	2,42
IBO® 480-6	480	4.657	1.535	196	6,0	86,4	56,3	2,35
IBO® 537-6	537	6.142	1.719	226	6,0	96,0	55,8	2,33
IBO® 616-6	616	7.897	1.477	255	6,0	86,4	58,5	2,44
IBO® 621-6	621	7.796	1.157	250	6,0	72,0	62,2	2,59
IBO® 728-6	728	10.068	1.406	272	6,0	86,4	61,5	2,56
IBO® 744-6	744	11.138	1.629	300	6,0	96,0	58,9	2,46
IBO® 815-6	815	13.548	1.591	330	6,0	96,0	60,3	2,51
IBO® 895-6	895	14.586	1.529	325	6,0	96,0	62,8	2,62
IBO® 973-6	973	17.715	1.494	360	6,0	96,0	64,3	2,68
IBO® 1149-6	1149	25.564	1.380	425	6,0	96,0	69,6	2,90
IBO® 1245-6	1245	26.474	1.354	425	6,0	96,0	70,9	2,95
IBO® 1552-6	1552	38.867	1.205	500	6,0	96,0	79,7	3,32
IBO® 1245-7	1245	24.688	1.436	395	7,0	112,0	78,0	2,79
IBO® 1267-7	1267	26.224	1.426	408	7,0	112,0	78,6	2,81
IBO® 1292-7	1292	25.404	1.200	390	7,0	100,8	84,0	3,00
IBO® 1319-7	1319	26.413	1.400	400	7,0	112,0	80,0	2,86
IBO® 1349-7	1349	32.009	1.308	436	7,0	112,0	85,7	3,06
IBO® 1350-7	1350	27.360	1.385	405	7,0	112,0	80,9	2,89
IBO® 1438-7	1438	30.932	1.351	430	7,0	112,0	82,9	2,96
IBO® 1535-7	1535	34.645	1.305	450	7,0	112,0	85,8	3,07
IBO® 1770-7	1775	46.721	1.214	525	7,0	112,0	92,3	3,29
IBO® 1207-8	1207	19.666	1.471	320	8,0	128,0	87,0	2,72
IBO® 1208-8	1208	19.696	1.271	320	8,0	115,2	90,6	2,83
IBO® 1214-8	1214	21.248	1.515	350	8,0	128,0	84,5	2,64
IBO® 1217-8	1217	19.814	1.489	325	8,0	128,0	86,0	2,69
IBO® 1245-8	1245	19.167	712	305	8,0	80,0	112,4	3,51
IBO® 1310-8	1310	23.620	1.470	360	8,0	128,0	87,1	2,72
IBO® 1451-8	1451	28.495	1.410	391	8,0	128,0	90,8	2,84
IBO® 1455-8	1455	27.662	1.202	380	8,0	115,2	95,8	3,00
IBO® 1743-8	1743	40.134	1.309	460	8,0	128,0	97,8	3,06
IBO® 1805-8	1805	40.772	1.278	450	8,0	128,0	100,2	3,13
IBO® 2023-8	2023	50.619	1.206	500	8,0	128,0	106,1	3,32
IBO® 1060-8,5	1060	16.066	1.584	300	8,5	136,0	85,9	2,53
IBO® 1255-8,5	1255	21.525	1.514	342	8,5	136,0	89,8	2,64
IBO® 1759-8,5	1759	39.015	1.334	440	8,5	136,0	102,0	3,00
IBO® 1866-8,5	1866	42.034	1.294	450	8,5	136,0	105,4	3,09
IBO® 1225-9	1225	19.303	1.338	315	9,0	129,6	96,9	2,69
IBO® 1265-9	1265	21.870	1.540	345	9,0	144,0	93,5	2,60
IBO® 1307-9	1307	23.582	1.528	360	9,0	144,0	94,2	2,62
IBO® 1757-9	1757	37.667	1.352	420	9,0	144,0	106,5	2,96
IBO® 1814-9	1814	38.577	1.346	425	9,0	144,0	107,0	2,97
IBO® 1295-10	1295	19.777	1.537	300	10,0	160,0	104,1	2,60
IBO® 2032-10	2032	44.717	1.340	440	10,0	160,0	119,4	2,99
IBO® 2158-10	2158	50.269	1.298	465	10,0	160,0	123,3	3,08
IBO® 2825-10	2825	79.494	1.113	560	10,0	160,0	143,8	3,59
IBO® 2448-10	2448	70.625	1.008	577	10,0	160,0	158,7	3,97

