

Cold formed Profiles

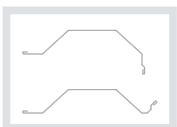
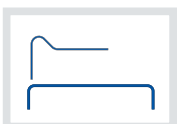
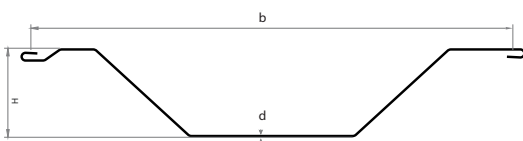
Cold rolled or cold formed sheet piling is produced to order for our customers. The dimensions, weight and technical specifications of this sheet piling exactly match the values laid down in the building specifications.

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 75	- 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 75	- 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 75	- 8% - 8%
GU 75 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 85	- 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 85	- 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 85	- 19% - 15%
Larssen 602 Wy 830 cm ³ /m ly 12.870 cm ⁴ /m 89,0 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	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%
Larssen 604 Wy 1.616 cm ³ /m ly 30.400 cm ⁴ /m 123,0 kg/m ²	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%
	8 mm				
AZ 18-700 Wy 1.800 cm ³ /m ly 37.800 cm ⁴ /m 109,3 kg/m ²					

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

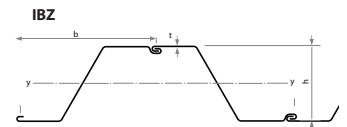
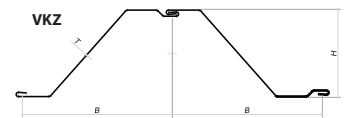


Section	Wy	ly	Width	Height	Thickness	Weight		Coating area
						kg/m ¹	kg/m ²	
		cm ³ /m	cm ⁴ /m	mm	mm	kg/m ¹	kg/m ²	m ² /m
VKZ 471-5	471	5.421	809	230	5,0	40,0	49,4	2,22
VKZ 617-5	617	8.338	766	270	5,0	40,0	52,2	2,35
VKZ 644-5	644	9.785	766	304	5,0	40,0	52,2	2,35
VKZ 784-5	784	13.136	722	355	5,0	40,0	55,4	2,49
VKZ 965-5	965	20.516	676	425	5,0	40,0	59,2	2,66
VKZ 699-6	699	9.611	792	275	6,0	48,0	62,7	2,27
VKZ 783-6	783	11.939	748	305	6,0	48,0	64,1	2,41
VKZ 878-6	878	14.265	725	325	6,0	48,0	66,2	2,48
VKZ 1153-6	1.153	21.741	655	377	6,0	48,0	73,2	2,75
VKZ 1167-6	1.167	23.626	659	405	6,0	48,0	72,8	2,73
VKZ 1246-6	1.246	29.280	903	470	6,0	60,0	66,4	2,55
VKZ 491-7	491	4.293	794	175	7,0	56,0	70,5	2,27
VKZ 532-7	532	4.923	787	185	7,0	56,0	71,1	2,29
VKZ 846-7	846	11.628	737	275	7,0	56,0	75,9	2,44
VKZ 921-7	921	14.095	727	306	7,0	56,0	77,0	2,48
VKZ 1078-7	1.078	17.790	694	330	7,0	56,0	80,6	2,59
VKZ 1257-7	1.257	24.517	665	390	7,0	56,0	84,3	2,71
VKZ 1330-7	1.330	25.130	644	378	7,0	56,0	86,9	2,80
VKZ 1201-8	1.201	19.820	685	330	8,0	64,0	93,4	2,63
VKZ 1227-8	1.227	20.865	683	335	8,0	64,0	93,6	2,64
VKZ 1257-8	1.257	22.000	679	350	8,0	64,0	94,3	2,65
VKZ 1481-8	1.481	28.008	639	378	8,0	64,0	100,1	2,82
VKZ 1244-9	1.244	19.527	700	314	9,0	72,0	102,9	2,57
VKZ 1307-9	1.307	20.908	686	320	9,0	72,0	105,0	2,62
VKZ 1684-9	1.684	31.568	630	375	9,0	72,0	114,3	2,86
VKZ 1735-9	1.735	34.270	627	395	9,0	72,0	114,7	2,87
VKZ 1771-9	1.771	39.857	882	450	9,0	90,0	102,0	2,61
VKZ 1832-9	1.832	41.228	871	450	9,0	90,0	103,3	2,64
VKZ 1349-10	1.349	20.567	682	305	10,0	80,0	117,2	2,64
VKZ 1404-10	1.404	22.468	677	320	10,0	80,0	118,1	2,66
VKZ 1720-10	1.720	30.964	636	360	10,0	80,0	125,7	2,83
VKZ 1929-10	1.929	36.648	607	380	10,0	80,0	131,7	2,97
VKZ 2354-10	2.354	55.898	808	475	10,0	100,0	123,8	2,85
VKZ 2468-10	2.468	61.702	795	500	10,0	100,0	125,8	2,89
VKZ 2628-10	2.628	70.289	776	535	10,0	100,0	128,9	2,96
VKZ 3082-10	3.082	88.594	715	575	10,0	100,0	139,8	3,22

Manufactured in accordance with:
 Technical delivery conditions in accordance with EN 10249-1. Tolerances in accordance with EN 10249-2.

Steel qualities:
 S 235, S 275, S 355 or Equivalent with 3.1 Certificate in accordance with EN 10204.

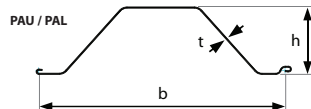
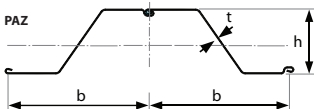
Standard availability:
 Lengths up to 24.000 mm, longer lengths on request.



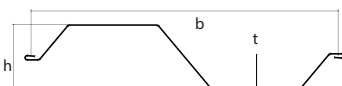
Alternatives for AZ-Profiles:

IBZ 5-850	656	11.160	850	340	5,0	42,8	50,4
IBZ 6-800	638	9.505	800	300	6,0	48,5	62,0
IBZ 7-725	730	10.727	725	300	6,0	45,0	60,4
IBZ 7-850	714	12.034	850	340	6,0	51,3	60,6
IBZ 8-725	846	11.540	725	271	7,0	52,0	71,7
IBZ 12-770	1.245	21.430	770	344	8,5	72,6	94,0
IBZ 12-850	1.205	24.651	850	420	7,0	44,3	75,3
IBZ 13-770	1.300	22.360	770	344	9,0	76,1	99,0
IBZ 13-850	1.318	26.360	850	400	8,0	73,1	86,0
IBZ 14-770	1.355	23.300	770	345	9,5	79,5	103,0
IBZ 17-700	1.730	36.330	700	420	8,5	73,1	104,4
IBZ 18-700	1.800	37.800	700	420	9,0	76,5	109,0
IBZ 18-850	1.805	43.335	850	480	9,0	85,9	101,1
IBZ 19-750	1.944	44.718	750	460	9,0	80,9	107,8
IBZ 20-700	1.945	40.950	700	421	10,0	83,3	119,0
IBZ 20-850	2.000	46.862	850	470	10,0	96,0	112,9
IBZ 24-700	2.430	55.768	700	459	11,2	95,7	136,7
IBZ 26-700	2.600	59.800	700	460	12,2	102,9	147,0
IBZ 28-700	2.760	63.620	700	440	13,2	110,0	157,0
IBZ 28-725	2.800	75.965	725	550	10,0	94,9	130,9
IBZ 33-700	3.285	82.929	700	500	12,0	76,7	163,0
IBZ 36-700	3.600	89.668	700	520	12,5	118,6	169,4
IBZ 37-700	3.710	92.415	700	499	12,5	124,5	177,8
IBZ 39-700	3.905	97.500	700	560	13,5	133,0	190,0
IBZ 42-750	4.231	116.350	750	550	13,0	141,6	188,8
IBZ 46-580	4.600	110.465	580	540	15,0	133,0	229,0
IBZ 48-750	4.805	124.921	750	520	15,0	172,4	229,8
IBZ 50-580	5.020	121.070	580	580	16,0	146,8	253,0

Section	Wy	ly	Width	Height	Thickness	Weight		Coating area
	cm ³ /m	cm ⁴ /m	mm	mm	mm	kg/m ¹	kg/m ²	m ² /m
PAZ 4350	448	4.770	770	213	5,0	38,2	49,6	2,30
PAZ 4360	534	5.720	770	214	6,0	45,8	59,4	2,30
PAZ 4370	619	6.660	770	215	7,0	53,3	69,2	2,30
PAZ 4450	612	8.240	725	269	5,0	37,7	52,0	2,36
PAZ 4460	730	9.890	725	270	6,0	45,1	62,2	2,36
PAZ 4470	846	11.535	725	271	7,0	52,4	72,3	2,36
PAZ 4550	772	12.065	676	312	5,0	37,7	55,8	2,62
PAZ 4560	922	14.444	676	313	6,0	45,1	66,7	2,62
PAZ 4570	1.069	16.815	676	314	7,0	52,4	77,5	2,62
PAZ 4650	940	16.318	621	347	5,0	37,7	60,7	2,86
PAZ 4660	1.122	19.544	621	348	6,0	45,1	72,6	2,86
PAZ 4670	1.302	22.756	621	349	7,0	52,4	84,4	2,86
PAZ 5360	766	11.502	857	300	6,0	54,3	63,3	2,54
PAZ 5370	888	13.376	857	301	7,0	63,2	73,7	2,54
PAZ 5380	1.009	15.249	857	302	8,0	72,1	84,0	2,54
PAZ 5390	1.131	17.123	857	303	9,0	81,0	94,4	2,54
PAZ 5460	968	16.989	807	351	6,0	53,9	66,8	2,54
PAZ 5470	1.123	19.774	807	352	7,0	62,6	77,6	2,54
PAZ 5480	1.277	22.546	807	353	8,0	71,4	88,4	2,54
PAZ 5490	1.431	25.318	807	354	9,0	80,2	99,3	2,54
PAZ 54100	1.570	27.850	808	355	10,0	89,2	110,3	2,54
PAZ 5560	1.233	25.074	743	407	6,0	53,9	72,5	2,76
PAZ 5570	1.432	29.179	743	408	7,0	62,6	84,3	2,76
PAZ 5580	1.628	33.263	744	409	8,0	71,4	96,0	2,76
PAZ 5590	1.825	37.387	744	410	9,0	80,2	107,8	2,76
PAZ 55100	2.000	41.060	745	411	10,0	89,2	119,8	2,76
PAZ 5660	1.525	34.340	671	451	6,0	53,9	80,3	2,76
PAZ 5670	1.770	39.954	671	452	7,0	62,6	93,3	3,06
PAZ 5680	2.013	45.537	672	453	8,0	71,4	106,3	3,06
PAZ 5690	2.259	51.180	672	454	9,0	80,2	119,3	3,06
PAZ 56100	2.470	56.200	673	455	10,0	89,2	132,2	3,06
PAL 3030	112	500	660	89	3,0	19,4	29,4	2,42
PAL 3040	147	666	660	90	4,0	25,8	39,2	2,42
PAL 3050	181	831	660	91	5,0	32,2	48,8	2,42
PAL 3130	199	1.244	711	125	3,0	23,5	33,1	2,72
PAL 3140	261	1.655	711	126	4,0	31,3	44,0	2,72
PAL 3150	322	2.063	711	127	5,0	39,0	54,9	2,72
PAL 3260	413	3.096	700	149	6,0	46,2	66,0	2,62
PAL 3270	479	3.604	700	150	7,0	53,2	76,0	2,62
PAL 3280	545	4.109	700	151	8,0	61,6	88,0	2,62
PAL 3290	605	4.611	700	152	9,0	70,0	100,0	2,62
PAU 2240	404	5.101	922	252	4,0	39,0	42,3	2,64
PAU 2250	504	6.363	921	253	5,0	48,7	52,8	2,64
PAU 2260	600	7.620	921	254	6,0	58,3	63,3	2,64
PAU 2440	537	7.897	813	293	4,0	39,0	48,0	3,00
PAU 2450	669	9.858	813	294	5,0	48,7	59,9	3,00
PAU 2460	801	11.813	813	295	6,0	58,3	71,8	3,00
PAU 2760	803	12.059	804	295	6,0	60,4	75,1	2,88
PAU 2770	934	14.030	804	296	7,0	70,4	87,5	2,88
PAU 2780	1.063	15.995	804	297	8,0	80,3	99,8	2,88



Section	Wy	ly	Width	Height	Thickness	Weight		Coating area
	cm ³ /m	cm ⁴ /m	mm	mm	mm	kg/m ¹	kg/m ²	m ² /m
MKU 130-3	130	778	795	120	3,0	24,0	30,2	2,31
MKU 520-8	520	4.811	1.170	185	8,0	96,0	82,1	2,39
MKU 940-8	940	15.291	1.531	325	8,0	128,0	83,6	2,48
MKU 1202-8	1.202	26.457	1.401	440	8,0	128,0	91,4	2,71



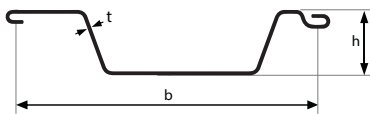
Cold formed Profiles

Omega-Hut-Profiles / Cold formed sheet piles from own production

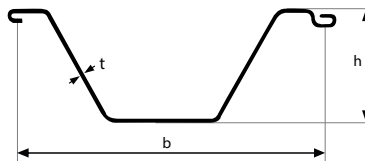
Type	Wy cm ² /m	Iy cm ⁴ /m	Width mm	Height mm	Thickness mm	Weight kg/m	Weight kg/m ²
MKL 3-4	307	2.209	700	150	4	32,4	46,3
MKL 3-5	381	2.753	700	152	5	40,4	57,7
MKL 3-6	451	3.369	700	154	6	48,5	69,3
MKL 3-7,2	541	4.004	700	156	7	56,3	80,4
MKL 3-8	594	4.460	700	158	8	64,2	91,7
MKL 3-9	664	5.120	700	160	9	72	102,9

Type	Wy cm ² /m	Iy cm ⁴ /m	Width mm	Height mm	Thickness mm	Weight kg/m	Weight kg/m ²
MKL 4-5	774	10.920	710	294	5	49,5	69,7
MKL 4-6	933	13.530	710	296	6	57,9	81,6
MKL 4-7	1080	15.701	710	298	7	67,3	94,8
MKL 4-8	1230	17.896	710	300	8	76,7	108,1
MKL 4-9	1380	20.896	710	302	9	85,6	120,6

MKL 3



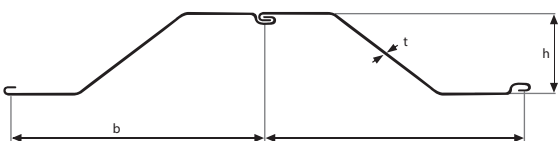
MKL 4



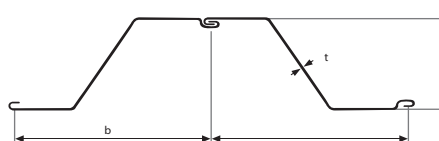
Type	Wy cm ² /m	Iy cm ⁴ /m	Width mm	Height mm	Thickness mm	Weight kg/m	Weight kg/m ²	Coating area m ² /m
MKZ 785-5	605	8.395	785	276	5	41,9	53,4	2,52
MKZ 785-6	724	10.053	785	277	6	50,4	64,2	2,52
MKZ 785-7	836	11.657	785	278	7	58,4	74,4	2,52
MKZ 785-8	951	13.302	785	279	8	66,6	84,8	2,52
MKZ 785-9	1.067	14.944	785	280	9	74,8	95,3	2,52

Type	Wy cm ² /m	Iy cm ⁴ /m	Width mm	Height mm	Thickness mm	Weight kg/m	Weight kg/m ²	Coating area m ² /m
MKZ 675-5	972	18.500	675	376	5	41,9	62,1	2,89
MKZ 675-6	1164	22.131	675	377	6	50,4	74,7	2,89
MKZ 675-7	1350	25.698	675	378	7	58,4	86,5	2,89
MKZ 675-8	1540	29.332	675	379	8	66,6	98,7	2,89
MKZ 675-9	1728	32.914	675	380	9	74,8	110,8	2,89

MKZ 785



MKZ 675

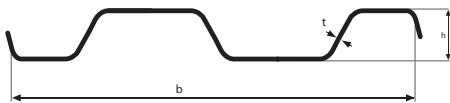


Cold formed Profiles

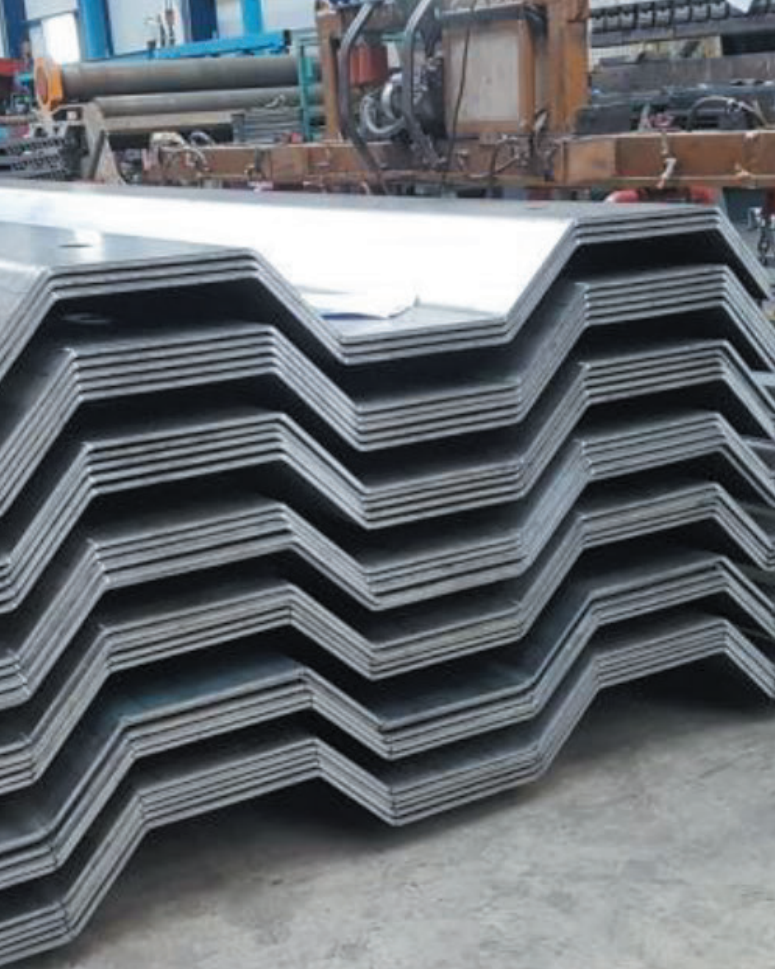
Trench Sheeting

Type	Wy cm ³ /m	Iy cm ⁴ /m	Breite mm	Höhe mm	Dicke mm	Gewicht kg/m	Gewicht kg/m ²
MKD VI/6	182	726	600	78	6	37,5	62,5
MKD VI/8	242	968	600	80	8	50	83,3

MKD



Cold formed Profiles



Soldier pile wall with only one intermediate panel

Sharing flexibility



Cold formed Profiles

New: cold formed MKD intermediate panel for the modern, economical soldier pile wall

Advantages:

- Approx. 60% weight saving compared to a smooth steel panel
- Great ramming progress due to only one large intermediate pile per girder panel
- High dimensional stability due to consolidation in 8 bending points
- Low deflection
- Same wall thickness of 10mm over the entire cross-section
- Easy insertion due to guidance on the beams
- High frequency of use as a holding screed due to low wear and tear

Environmentally friendly:

CO₂ balance is significantly better with cold formed profiles

Type	Resistive moment elastic	Inertia-moment	Profile width	Profile height	Profile thickness	Weight single plank	Weight wall
	cm ³ /m	cm ⁴ /m	mm	mm	mm	kg/m ¹	kg/m ²
MKD 1500	381,7	2.107,5	1.350	110	10	120	88,9
MKD 1800	489,7	3.492,3	1.600	140	10	144	90,0
MKD 2000	540,0	4.081,1	1.784	150	10	160	89,7

