



Sheet Piling Service Centre Shoreham



ArcelorMittal Sheet Piling Service Centre in Shoreham provides industry leading standards in the supply of steel sheet piling solutions across the UK and Ireland

The range of sheet piles in stock includes both U- and Z-piles with section modulus up to $3\,200\text{ cm}^3/\text{m}$ in high steel grades suitable for hard driving conditions for immediate delivery.

A range of corner sections is also available from stock.

All AZ[®] profiles in stock are from the XCarb[®]/EcoSheetPile[™] Plus range, made from 100% recycled steel and with 100% renewable electricity.

XCarb[®]

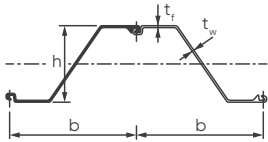
Recycled and renewably produced

EcoSheetPile[™] Plus



Z-Sections

Steel Sheet Piling



Width	Height	Thickness		Mass		Moment of inertia	Elastic section modulus
b	h	t_f	t_w	single pile	wall		
mm	mm	mm	mm	kg/m	kg/m ²	cm ⁴ /m	cm ³ /m

AZ[®]-800

AZ 18-800	800	449	8.5	8.5	80.7	100.9	41 320	1 840
AZ 20-800	800	450	9.5	9.5	88.6	110.7	45 050	2 000
AZ 22-800	800	451	10.5	10.5	96.4	120.5	48 790	2 165
AZ 23-800	800	474	11.5	9.0	94.6	118.2	55 260	2 330
AZ 25-800	800	475	12.5	10.0	102.6	128.2	59 410	2 500
AZ 27-800	800	476	13.5	11.0	110.5	138.1	63 570	2 670

AZ[®]-750

AZ 28-750	750	509	12.0	10.0	100.8	134.4	71 540	2 810
AZ 30-750	750	510	13.0	11.0	108.8	145.0	76 670	3 005
AZ 32-750	750	511	14.0	12.0	116.7	155.6	81 800	3 200

AZ[®]-700 and AZ[®]-770

AZ 12-770	770	344	8.5	8.5	72.6	94.3	21 430	1 245
AZ 13-770	770	344	9.0	9.0	76.1	98.8	22 360	1 300
AZ 14-770	770	345	9.5	9.5	79.5	103.2	23 300	1 355
AZ 14-770-10/10	770	345	10.0	10.0	82.9	107.7	24 240	1 405
AZ 12-700	700	314	8.5	8.5	67.7	96.7	18 880	1 205
AZ 13-700	700	315	9.5	9.5	74.0	105.7	20 540	1 305
AZ 13-700-10/10	700	316	10.0	10.0	77.2	110.2	21 370	1 355
AZ 14-700	700	316	10.5	10.5	80.3	114.7	22 190	1 405
AZ 17-700	700	420	8.5	8.5	73.1	104.4	36 230	1 730
AZ 18-700	700	420	9.0	9.0	76.5	109.3	37 800	1 800
AZ 19-700	700	421	9.5	9.5	80.0	114.3	39 380	1 870
AZ 20-700	700	421	10.0	10.0	83.5	119.3	40 960	1 945
AZ 24-700	700	459	11.2	11.2	95.7	136.7	55 820	2 430
AZ 26-700	700	460	12.2	12.2	102.9	146.9	59 720	2 600
AZ 28-700	700	461	13.2	13.2	110.0	157.2	63 620	2 760
AZ 26-700N	700	460	13.5	10.0	96.9	138.5	59 790	2 600
AZ 36-700N	700	499	15.0	11.2	118.6	169.5	89 610	3 590
AZ 38-700N	700	500	16.0	12.2	126.4	180.6	94 840	3 795
AZ 40-700N	700	501	17.0	13.2	134.2	191.7	100 080	3 995
AZ 42-700N	700	499	18.0	14.0	142.1	203.1	104 930	4 205
AZ 44-700N	700	500	19.0	15.0	149.9	214.2	110 150	4 405
AZ 46-700N	700	501	20.0	16.0	157.7	225.3	115 370	4 605
AZ 48-700	700	503	22.0	15.0	158.5	226.4	119 650	4 755
AZ 50-700	700	504	23.0	16.0	166.3	237.5	124 890	4 955
AZ 52-700	700	505	24.0	17.0	174.1	248.7	130 140	5 155

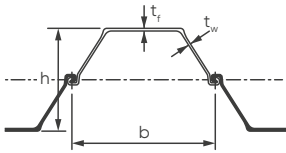
AZ[®]

AZ 18	630	380	9.5	9.5	74.4	118.1	34 200	1 800
AZ 18-10/10	630	381	10.0	10.0	77.8	123.4	35 540	1 870
AZ 26	630	427	13.0	12.2	97.8	155.2	55 510	2 600

Sections highlighted in blue are readily available as uncrimped double piles in grade S430GP from stock in the UK.

U-Sections

Steel Sheet Piling



Width	Height	Thickness		Mass		Moment of inertia	Elastic section modulus
b	h	t_f	t_w	single pile	wall		
mm	mm	mm	mm	kg/m	kg/m ²	cm ⁴ /m	cm ³ /m

AU™ sections

AU 14	750	408	10.0	8.3	779	103.8	28 680	1 405
AU 16	750	411	11.5	9.3	86.3	115.0	32 850	1 600
AU 18	750	441	10.5	9.1	88.5	118.0	39 300	1 780
AU 20	750	444	12.0	10.0	96.9	129.2	44 440	2 000
AU 23	750	447	13.0	9.5	102.1	136.1	50 700	2 270
AU 25	750	450	14.5	10.2	110.4	147.2	56 240	2 500

PU® sections

PU 12	600	360	9.8	9.0	66.1	110.1	21 600	1 200
PU 12S	600	360	10.0	10.0	71.0	118.4	22 660	1 260
PU 18 ⁻¹	600	430	10.2	8.4	72.6	121.0	35 950	1 670
PU 18	600	430	11.2	9.0	76.9	128.2	38 650	1 800
PU 18 ⁺¹	600	430	12.2	9.5	81.1	135.2	41 320	1 920
PU 22 ⁻¹	600	450	11.1	9.0	81.9	136.5	46 380	2 060
PU 22	600	450	12.1	9.5	86.1	143.6	49 460	2 200
PU 22 ⁺¹	600	450	13.1	10.0	90.4	150.7	52 510	2 335
PU 28 ⁻¹	600	452	14.2	9.7	97.4	162.3	60 580	2 680
PU 28	600	454	15.2	10.1	101.8	169.6	64 460	2 840
PU 28 ⁺¹	600	456	16.2	10.5	106.2	177.1	68 380	3 000
PU 32 ⁻¹	600	452	18.5	10.6	109.9	183.2	69 210	3 065
PU 32^{-0.5}	600	452	19.0	10.8	112.0	186.7	70 770	3 130
PU 32	600	452	19.5	11.0	114.1	190.2	72 320	3 200
PU 32 ⁺¹	600	452	20.5	11.4	118.4	197.3	75 410	3 340

GU® sections

GU 6N	600	309	6.0	6.0	41.9	69.9	9 670	625
GU 7N	600	310	6.5	6.4	44.1	73.5	10 450	675
GU 7S	600	311	7.2	6.9	46.3	77.1	11 540	740
GU 7HWS	600	312	7.3	6.9	47.4	79.1	11 620	745
GU 8N	600	312	7.5	7.1	48.5	80.9	12 010	770
GU 8S	600	313	8.0	7.5	50.8	84.6	12 800	820
GU 10N	600	316	9.0	6.8	55.8	93.0	15 700	995
GU 11N	600	318	10.0	7.4	60.2	100.4	17 450	1 095
GU 12N	600	320	11.0	8.0	64.6	107.7	19 220	1 200
GU 13N	600	418	9.0	7.4	59.9	99.8	26 590	1 270
GU 14N	600	420	10.0	8.0	64.3	107.1	29 410	1 400
GU 15N	600	422	11.0	8.6	68.7	114.5	32 260	1 530
GU 16N	600	430	10.2	8.4	72.6	121.0	35 950	1 670
GU 18N	600	430	11.2	9.0	76.9	128.2	38 650	1 800
GU 20N	600	430	12.2	9.5	81.1	135.2	41 320	1 920
GU 21N	600	450	11.1	9.0	81.9	136.5	46 380	2 060
GU 22N	600	450	12.1	9.5	86.1	143.6	49 460	2 200
GU 23N	600	450	13.1	10.0	90.4	150.7	52 510	2 335
GU 27N	600	452	14.2	9.7	97.4	162.3	60 580	2 680
GU 28N	600	454	15.2	10.1	101.8	169.6	64 460	2 840
GU 30N	600	456	16.2	10.5	106.2	177.1	68 380	3 000
GU 31N	600	452	18.5	10.6	109.9	183.2	69 210	3 065
GU 32N	600	452	19.5	11.0	114.1	190.2	72 320	3 200
GU 33N	600	452	20.5	11.4	118.4	197.3	75 410	3 340
GU 16-400	400	290	12.7	9.4	62.0	154.9	22 580	1 560
GU 18-400	400	292	15.0	9.7	69.3	173.3	26 090	1 785

Sections highlighted in blue are readily available as single piles in grade S 390 GP from stock in the UK.



Services

With the availability of steel sheet pile sections on the ground, and a strong focus on customer service, ArcelorMittal provides a cost-effective and flexible steel sheet pile foundation solution.

In addition to a large range of available sections, the Shoreham Service Centre offers the following additional services:

- Interlock sealant application;
- Cutting-to-length;
- Cutting of additional handling holes or weep holes;
- Splitting of pairs;
- Corner Sections.

Direct Mill Orders

The Shoreham Service Centre also brings its high levels of service to bespoke orders coming direct from mill production through the port, handling the logistics for the final leg of the journey to the project site.

Used and Rental Piles

The Shoreham Service Centre makes available a pool of used and rental piles for customers serving the temporary works market, reducing their need to hold stocks. Returned piles are inspected, jet-washed and trimmed and can be re-used several times.

ArcelorMittal is happy to promote the re-usability of sheet piles which is cost-effective and reduces the environmental impact of the project.



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