

Typical Applicable Piles (Z Sheet Pile)

Section	Width (mm)	Section Modulus Z (cm ³ /m)	Moment of Inertia I (cm ⁴ /m)	Mass per m of pile (kg/m)	Mass per m ² of wall (kg/m ²)
Arcelor Mittal					
AZ12-700	700	1,205	18,880	67.7	96.7
AZ18-700	700	1,800	37,800	76.5	109.3
AZ24-700	700	2,430	55,820	95.7	136.7
AZ28-700	700	2,760	63,620	110.0	157.2
AZ36-700N	700	3,590	89,610	118.7	169.5
AZ40-700N	700	3,995	100,080	134.2	191.7
AZ44-700N	700	4,405	110,150	149.9	214.2
AZ48-700	700	4,755	119,650	158.5	226.4
AZ52-700	700	5,155	130,140	174.1	248.7
Gerdau					
PZC13	708	1,300	20,760	75.1	106.0
PZC14	708	1,400	22,440	81.8	115.5
PZC18	635	1,800	34,890	75.1	118.2
PZC19	635	1,945	37,780	81.8	128.8
PZC25	708	2,455	55,190	103.3	145.9
PZC26	708	2,600	58,460	110.0	155.4
PZC28	708	2,755	62,150	117.6	166.1
PZC37	572	3,680	98,270	103.6	181.2
PZC39	572	3,890	104,100	110.2	192.8
PZC41	572	4,090	109,700	116.6	204.1
PZC46-CP	572	4,630	129,400	125.2	219.3
PZC48-CP	572	4,810	136,100	129.0	226.1
PZC54-CP*	572	5,370	157,100	140.5	245.6
NUCOR-YAMATO					
NZ19	700	1,886	38,659	81.9	117.4
NZ20	700	1,948	39,984	85.4	122.0
NZ21	700	2,080	42,797	90.8	129.7
NZ26	700	2,608	57,340	105.7	151.3
NZ28	700	2,829	62,461	116.1	165.8
PZ22	559	973	11,500	60.0	107.4
PZ35	575	2,605	49,227	98.3	52.1

* Cover plates should not be attached within 500mm from the top of the sheet piles.

N.B. Please contact the nearest GIKEN office about the applicability of other Z sheet pile sections.