

GERDAU SHEET PILING

PZC SHEET PILING PROPERTIES

PZC profiles are named for their strength in metric designations. For example, PZC 18 has a Section Modulus of 1,800 cm³/meter. Make PZC sheet piling your first choice for its unmatched combination of drivability, ruggedness and strength to weight efficiency.

| Section | Nominal Dimensions | | | | Per Single Section | | | | | | Per Unit of Wall | | | |
|---------|--------------------|---------------------|---------------|------------------|-------------------------------------|---------------|-------------------------------------|-------------------------------------|---|---|---|--|---|---|
| | Nominal Width | Wall Depth (Height) | Web Thickness | Flange Thickness | Area | Weight | Moment of Inertia | Section Modulus | Total Surface Area | Nominal Coating Area* | Area | Weight | Moment of Inertia | Section Modulus |
| | in. (mm) | in. (mm) | in. (mm) | in. (mm) | in. ² (cm ²) | lbs/ft (kg/m) | in. ⁴ (cm ⁴) | in. ³ (cm ³) | ft ² /ft (m ² /m) | ft ² /ft (m ² /m) | in. ² /ft (cm ² /m) | lbs/ft ² (kg/m ²) | in. ⁴ /ft (cm ⁴ /m) | in. ³ /ft (cm ³ /m) |
| PZC 13 | 27.88 | 12.56 | 0.375 | 0.375 | 14.82 | 50.4 | 353.0 | 56.2 | 6.10 | 5.60 | 6.38 | 21.7 | 152.0 | 24.2 |
| | 708 | 319 | 9.5 | 9.5 | 95.6 | 75.1 | 14,690 | 920 | 1.86 | 1.71 | 135.1 | 106.0 | 20,760 | 1,300 |
| PZC 14 | 27.88 | 12.60 | 0.420 | 0.420 | 16.15 | 55.0 | 381.6 | 60.5 | 6.10 | 5.60 | 6.95 | 23.7 | 164.3 | 26.0 |
| | 708 | 320 | 10.7 | 10.7 | 104.2 | 81.8 | 15,890 | 990 | 1.86 | 1.71 | 147.2 | 115.5 | 22,440 | 1,400 |
| PZC 18 | 25.00 | 15.25 | 0.375 | 0.375 | 14.82 | 50.4 | 532.2 | 69.8 | 6.10 | 5.60 | 7.12 | 24.2 | 255.5 | 33.5 |
| | 635 | 387 | 9.5 | 9.5 | 95.6 | 75.1 | 22,150 | 1,145 | 1.86 | 1.71 | 150.6 | 118.2 | 34,890 | 1,800 |
| PZC 19 | 25.00 | 15.30 | 0.420 | 0.420 | 16.16 | 55.0 | 576.3 | 75.3 | 6.10 | 5.60 | 7.75 | 26.4 | 276.6 | 36.1 |
| | 635 | 388 | 10.7 | 10.7 | 104.2 | 81.8 | 23,990 | 1,235 | 1.86 | 1.71 | 164.1 | 128.8 | 37,780 | 1,945 |
| PZC 25 | 27.88 | 17.66 | 0.485 | 0.560 | 20.40 | 69.4 | 938.7 | 106.3 | 6.65 | 6.15 | 8.78 | 29.9 | 404.1 | 45.7 |
| | 708 | 449 | 12.3 | 14.2 | 131.6 | 103.3 | 39,070 | 1,740 | 2.03 | 1.87 | 185.9 | 145.9 | 55,190 | 2,455 |
| PZC 26 | 27.88 | 17.70 | 0.525 | 0.600 | 21.72 | 73.9 | 994.3 | 112.4 | 6.65 | 6.15 | 9.35 | 31.8 | 428.1 | 48.4 |
| | 708 | 450 | 13.3 | 15.2 | 140.1 | 110.0 | 41,390 | 1,840 | 2.03 | 1.87 | 197.9 | 155.4 | 58,460 | 2,600 |
| PZC 28 | 27.88 | 17.75 | 0.570 | 0.645 | 23.22 | 79.0 | 1,057 | 119.1 | 6.65 | 6.15 | 10.00 | 34.0 | 455.1 | 51.3 |
| | 708 | 451 | 14.5 | 16.4 | 149.8 | 117.6 | 44,000 | 1,950 | 2.03 | 1.87 | 211.6 | 166.1 | 62,150 | 2,755 |
| PZC 37 | 22.50 | 21.02 | 0.488 | 0.563 | 20.45 | 69.6 | 1,349 | 128.4 | 6.65 | 6.15 | 10.91 | 37.1 | 719.6 | 68.5 |
| | 572 | 534 | 12.4 | 14.3 | 132.0 | 103.6 | 56,160 | 2,100 | 2.03 | 1.87 | 230.9 | 181.2 | 98,270 | 3,680 |
| PZC 39 | 22.50 | 21.05 | 0.525 | 0.600 | 21.76 | 74.0 | 1,429 | 135.6 | 6.65 | 6.15 | 11.61 | 39.5 | 762.1 | 72.3 |
| | 572 | 535 | 13.3 | 15.2 | 140.4 | 110.2 | 59,480 | 2,220 | 2.03 | 1.87 | 245.6 | 192.8 | 104,100 | 3,890 |
| PZC 41 | 22.50 | 21.09 | 0.561 | 0.636 | 23.03 | 78.4 | 1,507 | 142.7 | 6.65 | 6.15 | 12.28 | 41.8 | 803.6 | 76.1 |
| | 572 | 536 | 14.2 | 16.2 | 148.6 | 116.6 | 62,720 | 2,340 | 2.03 | 1.87 | 260.0 | 204.1 | 109,700 | 4,090 |

*Both sides of sheet; excludes socket interior and ball of interlock.

All listed dimensions are nominal. Due to rolling practices, variations in web and flange thickness is common. Permitted variations for such dimensions are not addressed.

