

# GERDAU SHEET PILING

## JAGGED (SAWTOOTH) WALL LAYOUT

Another variation using reversed interlocks is shown below. It is useful when reduced section modulus is acceptable and the engineer wishes to reduce the weight per square foot and/or depth of wall. In addition to the weight reduction, the laying width is increased, resulting in fewer interlocks and reduced installation time. Fewer interlocks per length of wall is important in a cut-off wall to reduce seepage potential.

Section	Nominal Width in. (mm)	Wall Depth (Height) in. (mm)	Web Thickness in. (mm)	Flange Thickness in. (mm)	Per Single Section						Per Unit of Wall			
					Area in. <sup>2</sup> (cm <sup>2</sup> )	Weight lbs/ft (kg/m)	Moment of Inertia in. <sup>4</sup> (cm <sup>4</sup> )	Section Modulus in. <sup>3</sup> (cm <sup>3</sup> )	Total Surface Area ft <sup>2</sup> /ft (m <sup>2</sup> /m)	Nominal Coating Area* ft <sup>2</sup> /ft (m <sup>2</sup> /m)	Area in. <sup>2</sup> /ft (cm <sup>2</sup> /m)	Weight lbs/ft <sup>2</sup> (kg/m <sup>2</sup> )	Moment of Inertia in. <sup>4</sup> /ft (cm <sup>4</sup> /m)	Section Modulus in. <sup>3</sup> /ft (cm <sup>3</sup> /m)
PZC 13	29.86	6.64	0.375	0.375	14.82	50.4	49.9	14.9	6.10	5.60	5.96	20.0	20.3	6.0
	759	169	9.5	9.5	95.6	75.1	2,075	245	1.86	1.71	126.1	99.0	2,735	325
PZC 18	28.37	8.14	0.375	0.375	14.82	50.4	74.7	18.1	6.10	5.60	6.27	21.3	31.6	7.7
	721	207	9.5	9.5	95.6	75.1	3,110	300	1.86	1.71	132.7	104.2	4,315	415
PZC 26	32.07	8.43	0.525	0.600	21.72	73.9	115.5	27.4	6.65	6.15	8.13	27.7	43.2	10.2
	815	214	13.3	15.2	140.1	110.1	4,810	450	2.03	1.87	172.1	135.0	5,905	550

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

All dimensions given are nominal. Actual flange and web thicknesses vary due to mill rolling practices; however, permitted variations for such dimensions are not addressed.

