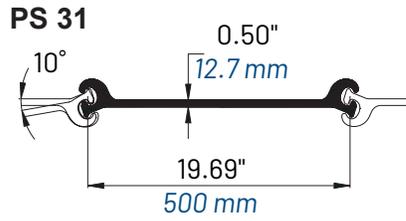
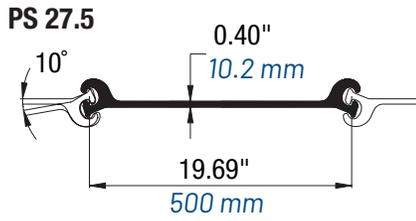


GERDAU SHEET PILING



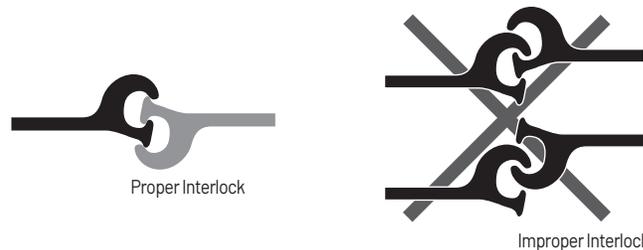
PS (FLAT SHEET) PILING PROPERTIES

Section	Nominal Width in. (mm)	Depth (Height) in. (mm)	Wall Depth (Height) in. (mm)	Web Thickness in. (mm)	Per Single Section						Per Unit of Wall			
					Area in. ² (cm ²)	Weight lbs/ft (kg/m)	Moment of Inertia in. ⁴ (cm ⁴)	Section Modulus in. ³ (cm ³)	Total Surface Area ft ² /ft (m ² /m)	Nominal Coating Area* ft ² /ft (m ² /m)	Area in. ² /ft (cm ² /m)	Weight lbs/ft ² (kg/m ²)	Moment of Inertia in. ⁴ /ft (cm ⁴ /m)	Section Modulus in. ³ /ft (cm ³ /m)
PS 27.5	19.69	2.83	3.55	0.40	13.26	45.1	5.0	3.2	4.50	3.64	8.08	27.5	3.0	1.9
	500	72	90	10.2	85.5	67.1	207	52	1.37	1.11	171.0	134.2	414	103
PS 31	19.69	2.83	3.55	0.50	14.96	50.9	5.0	3.2	4.50	3.64	9.11	31.0	3.0	1.9
	500	72	90	12.7	96.5	75.7	207	52	1.37	1.11	192.9	151.4	414	103

*Both sides of sheet; excludes interior of interlock
Manufactured to ASTM A6 specifications.

GRADE ⁽¹⁾	MINIMUM INTERLOCK STRENGTH ⁽²⁾	MINIMUM SWING ⁽³⁾
A328	16 kips/in. (2,800 kN/m)	10 degrees
A572-50	20 kips/in. (3,500 kN/m)	10 degrees
A572-60	24 kips/in. (4,200 kN/m)	10 degrees

- (1) Other grades available upon request
- (2) These minimum ultimate interlock strengths assume proper interlocking of sheets. To verify the strength of PS Sheet Piling, consider both yielding of the web and failure of the interlock.
- (3) Swing reduces 1.5 degrees for each 10 feet (3 meters) in length over 70 feet (21 meters).



As a general rule, Gerdaul advises against interlocking PS sections with other producers' section(s). Gerdaul PS 27.5 and PS 31 can be interlocked together. PS and Z-Piling sections should not be interlocked together.