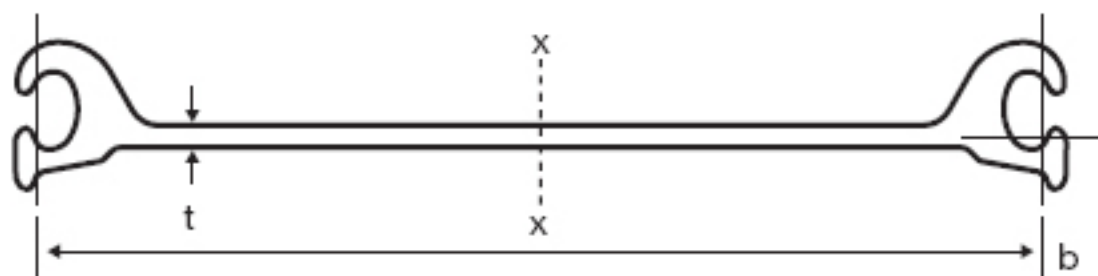


Straight web

	width of one pile	height of one pile	thickness of the web	mass pile	mass wall	elastic section modulus W_{yy}	combined moment of inertia I_{yy}
section	b mm	h mm	t mm	kg/m	kg/m ²	cm ³ /m	cm ⁴ /m
PS27.5	500	–	10.2	67.1	134.2	103	414
PS31	500	–	12.7	75.7	151.4	103	414

grade	minimum interlock strength ⁽¹⁾	minimum swing ⁽²⁾
A328	2,800 kN/m	10 degrees
A572-50	3,500 kN/m	10 degrees
A572-65	4,200 kN/m	10 degrees



Note

- ⁽¹⁾ These minimum ultimate interlock strengths assume proper interlocking of sheets. To verify the strength of PS sheet piling, both yielding of the web and failing of the interlock should be considered.
- ⁽²⁾ Higher interlock strengths are available but swing will be reduced in interlock strengths above 4,200k/Nm. Swing reduces 1.5 degrees for each 3 metres in lengths over 21 metres.