

Sheet Piling

Structural integrity



The popular choice

Exceptional structural integrity, combined with flexible deployment and low cost makes the Australian Sheet Piling system the first choice of major Australian construction firms.

Made from high quality steel to ASP's specific manufacturing requirements, our light gauge sheet pile has become a popular choice for developers looking to make the most efficient use of their development site.

The low profile and compact plant required to vibrate the plates into position makes the Australian Sheet Piling System ideal for small and large sites alike.

Advantages

Flexibility

A range of profiles, thicknesses and anchoring systems provide the client with a range of options that maximise site usage, while maintaining boundary and surrounding property integrity.

Low Cost

ASP's exclusive design means a system that is less expensive to purchase and install, compared to competing products.

Reduced Ground Disturbance

The compact plant used to install the system means reduced vibration transmitted to neighbouring sites and thereby reducing the risk of damage to neighbouring buildings. ASP also offer the client peace of mind, with an opportunity to use a contiguous grout piling system (CFA) or soil mix wall should the adjoining properties be susceptible to vibratory damage.

Methodology

Depending on site conditions and the construction project, builders have a choice of using overlapping or interlocking sheet piling systems.

The sections are designed to be flexible for a variety of applications including cantilevered to support the excavation or restrained by the use of exclusively designed and developed ground anchor systems.

No matter which method is used, each pile provides a strong, rigid wall with certain profiles able to be driven to a depth of 12 metres with our light gauge sheet piles. Heavier grade steel piles can be provided for deeper excavations, as the imposed loads would be greater.



Australian Sheet Piling Pty Ltd

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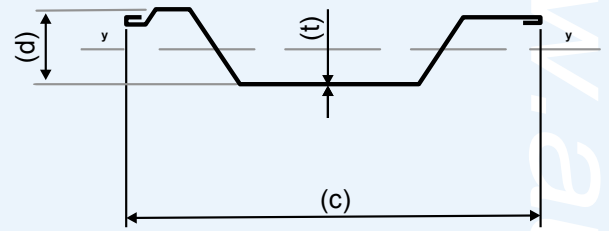
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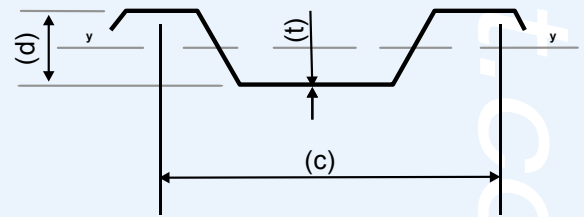
The in-ground experts

Sheet Piling Specifications



170 INTERLOCKING PROFILE

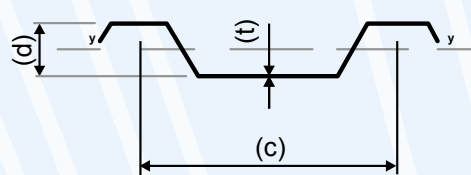
A.S.P. INTERLOCKING PROFILES - 170 SERIES (LOCALLY MANUFACTURED SHEET PILES)										
Section	Wall Thickness (t)	Mass		Section Coverage (c)	Section Depth (d)	Section Modulus				Pan Volume
	mm	kg/m ² wall	kg/m per pile	mm	mm	ly 10 ⁶ mm ⁴ / sheet	Zy 10 ³ mm ³ / sheet	ly 10 ⁶ mm ⁴ / m of wall	Zy 10 ³ mm ³ / m of wall	m ³ /m ² of wall
170/3 IL	3	38.76	28.26	940	170	16.7	206	22.9	283	0.010
170/4 IL	4	51.68	37.68	940	170	23.1	288	24.6	307	0.010



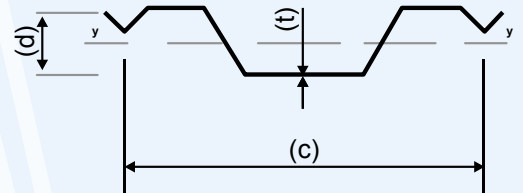
170 OVERLAPPING PROFILE

A.S.P. OVERLAPPING PROFILES - 170 SERIES (LOCALLY MANUFACTURED SHEET PILES)										
Section	Wall Thickness (t)	Mass		Section Coverage (c)	Section Depth (d)	Section Modulus				Pan Volume
	mm	kg/m ² wall	kg/m per pile	mm	mm	ly 10 ⁶ mm ⁴ / sheet	Zy 10 ³ mm ³ / sheet	ly 10 ⁶ mm ⁴ / m of wall	Zy 10 ³ mm ³ / m of wall	m ³ /m ² of wall
170/3 OL	3	38.76	28.26	729	170	18.4	206	25.2	279	0.010
170/4 OL	4	51.68	37.68	729	170	22.3	275	33.6	372	0.010
170/6 OL	6	77.55	56.52	729	170	33.4	412	45.8	566	0.010

Note: 90/4 OL & 90/6 OL sections are also available



150 OVERLAPPING PROFILE



200 OVERLAPPING PROFILE

S.P. OVERLAPPING PROFILES - 90/150/200 SERIES (LOCALLY MANUFACTURED SHEET PILES)										
Section	Wall Thickness (t)	Mass		Section Coverage (c)	Section Depth (d)	Section Modulus				Pan Volume
	mm	kg/m ² wall	kg/m per pile	mm	mm	ly 10 ⁶ mm ⁴ / sheet	Zy 10 ³ mm ³ / sheet	ly 10 ⁶ mm ⁴ / m of wall	Zy 10 ³ mm ³ / m of wall	m ³ /m ² of wall
150/3 OL	3	37.48	28.26	754	754	13.8	182	17	222	0.130
150/4 OL	4	49.97	37.68	754	754	18.4	242	24.5	322	0.130

Note: 200/4 OL sections are also available

