

PRODUCT CATALOGUE



HIROSE (Singapore) Pte Ltd

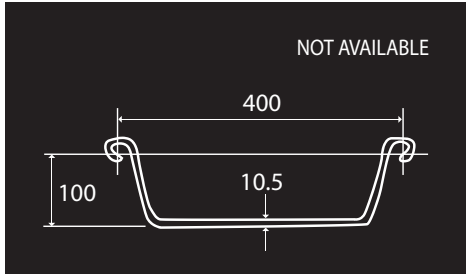
MATERIAL SPECIFICATIONS

U Type Steel Sheet Piles (Larssen Type)

Section

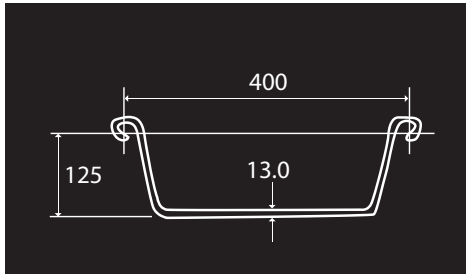
Section Properties

SP-II



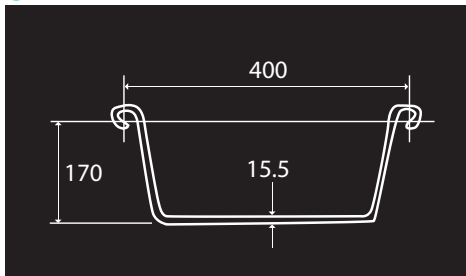
Dimension			Per Pile					Per 1m wall width		
Width	Height	Thickness	Section Area	Unit Weight	Moment of Inertia	Section Modulus	Radius Gyration	Weight	Moment of Inertia	Section Modulus
B mm	h mm	t mm	A cm ²	W kg / m	Ix cm ⁴	Zx cm ³	ix cm	W kg / cm ²	Ix cm ⁴ / m	Zx cm ³ / m
400	100	10.5	61.18	48.0	1,240	152	4.50	120	8,740	874

SP-III



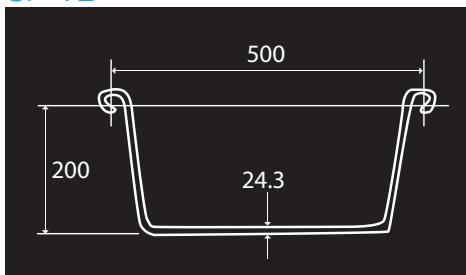
Dimension			Per Pile					Per 1m wall width		
Width	Height	Thickness	Section Area	Unit Weight	Moment of Inertia	Section Modulus	Radius Gyration	Weight	Moment of Inertia	Section Modulus
B mm	h mm	t mm	A cm ²	W kg / m	Ix cm ⁴	Zx cm ³	ix cm	W kg / cm ²	Ix cm ⁴ / m	Zx cm ³ / m
400	125	13.0	76.42	60.0	2,220	223	5.39	150	16,800	1,340

SP-IV



Dimension			Per Pile					Per 1m wall width		
Width	Height	Thickness	Section Area	Unit Weight	Moment of Inertia	Section Modulus	Radius Gyration	Weight	Moment of Inertia	Section Modulus
B mm	h mm	t mm	A cm ²	W kg / m	Ix cm ⁴	Zx cm ³	ix cm	W kg / cm ²	Ix cm ⁴ / m	Zx cm ³ / m
400	170	15.5	96.99	76.1	4,670	362	6.94	190	38,600	2,270

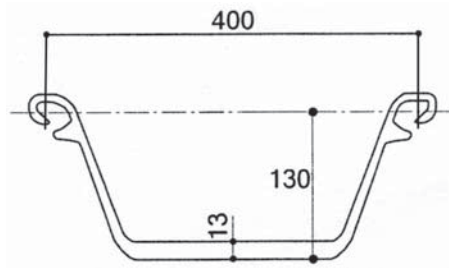
SP-VL



Dimension			Per Pile					Per 1m wall width		
Width	Height	Thickness	Section Area	Unit Weight	Moment of Inertia	Section Modulus	Radius Gyration	Weight	Moment of Inertia	Section Modulus
B mm	h mm	t mm	A cm ²	W kg / m	Ix cm ⁴	Zx cm ³	ix cm	W kg / cm ²	Ix cm ⁴ / m	Zx cm ³ / m
500	200	24.3	133.8	105.0	7,960	520	7.71	210	63,000	3,150

Corner Pile (C-Corner Pile)

FSP-CIII TYPE



SKSP-CIII TYPE

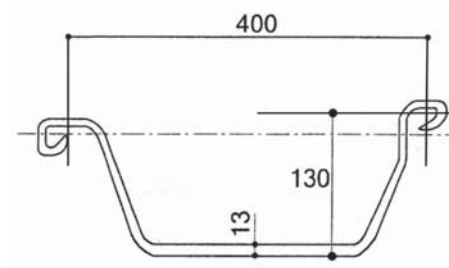
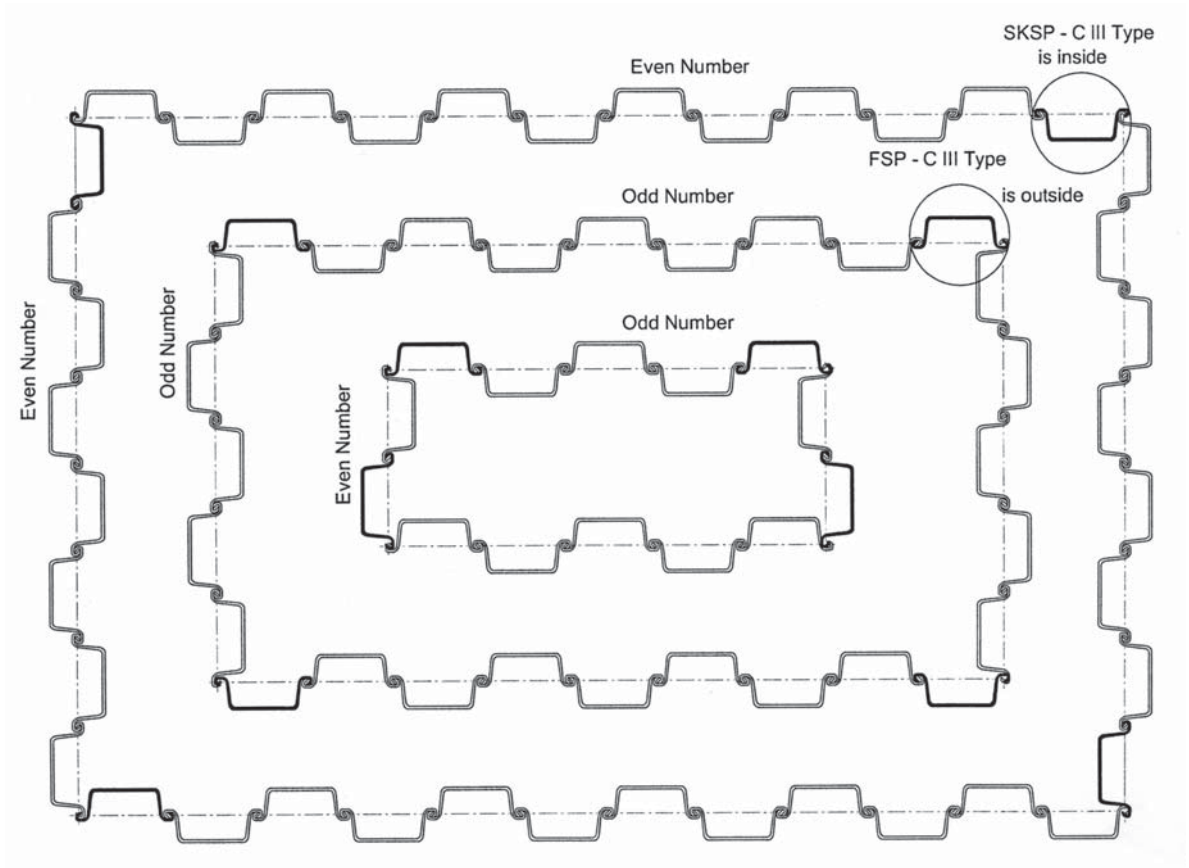


Illustration of Sheet Pile (Use C-Corner Pile)





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