LARSSEN 24

Section width per D= 1000 mm

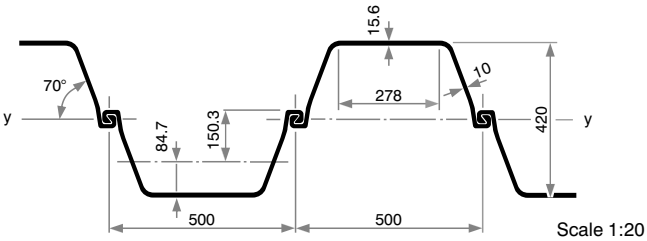
		Unit	Per m wall	Single pile	Double pile	Triple pile
				E	D	Dr
Elastic section modulus[1]	W_y	cm^3	**2500**	547	2500	2860
	W_z	cm^3	–	1200	–	–
Plastic section modulus[1]	W_y	cm^3	2800	–	–	–
Weight		kg/m	**175.0**	87.5	175.0	262.5
Cross sectional area		cm^2	222	111	222	333
Circumference[2]		cm	315	184	340	496
Coating area[3]		m^2/m	3.15	1.72	3.28	4.84
Static moment	S_y	cm^3	1400	–	–	–
Second moment of inertia	I_y	cm^4	**52500**	8270	52500	71970
	I_z	cm^4	–	32160	–	–
Radius of gyration	i_y	cm	15.30	8.63	15.30	14.70

[1] **Section modulus referred:**
E and Dr – the heavy axis of the respective element; D and per m wall – the wall axis y-y.
The section modulus of D, Dr u. per m wall requires locking of the factory-crimped interlocks to accommodate the shear forces.

[2] Including the internal surface of free interlocks of single, double and triple piles.

[3] Without interlock interior – two-side coating.

Sheet Piling Handbook
08/05
subject to alterations



Classification according to ENV 1993-5

Steel grade					
S 240 GP	S 270 GP	S 320 GP	S 355 GP	S 390 GP	S 430 GP
2	2	2	2	2	2