

Section illustrations and data

LARSEN 22 10/10

Section width per D = 1000 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr	
Elastic section modulus¹⁾	W_y	cm ³	1300	369	1300	1540
	W_z	cm ³	–	960	–	–
Plastic section modulus ¹⁾	W_y	cm ³	1504	–	–	–
Weight		kg/m	130.0	65.0	130.0	195.0
Cross sectional area		cm ²	165.6	82.8	165.6	248.4
Circumference ²⁾		cm	280	165	304	443
Coating area ³⁾		m ² /m	2.80	1.53	2.92	4.31
Static moment	S_y	cm ³	752	–	–	–
Second moment of inertia	I_y	cm ⁴	22100	4180	22100	30860
	I_z	cm ⁴	–	25820	–	–
Radius of gyration	i_y	cm	11.60	7.10	11.60	11.16

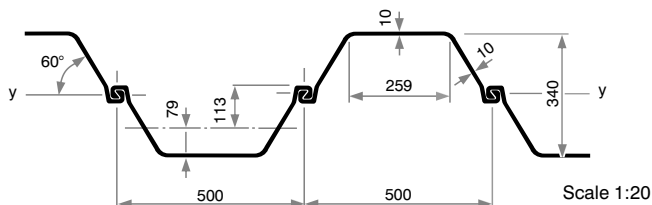
1) Section modulus referred:

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.



Rolling/delivery on request only.

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