

Section illustrations and data

LARSEN 600

Section width per D = 1200 mm

	Unit	Per m wall	Single pile			Double pile			Triple pile		
			E	D	Dr	E	D	Dr	E	D	Dr
Elastic section modulus¹⁾	W_y	cm ³	510	109	614	705					
	W_z	cm ³	–	920	–	–					
Plastic section modulus ¹⁾	W_y	cm ³	558	–	–	–					
Weight		kg/m	94.0	56.4	112.8	169.2					
Cross sectional area		cm ²	119.7	71.8	143.6	215.4					
Circumference ²⁾		cm	225	156	291	426					
Coating area ³⁾		m ² /m	2.25	1.44	2.79	4.14					
Static moment	S_y	cm ³	279	–	–	–					
Second moment of inertia	I_y	cm ⁴	3840	736	4610	6370					
	I_z	cm ⁴	–	29300	–	–					
Radius of gyration	i_y	cm	5.66	3.20	5.66	5.44					

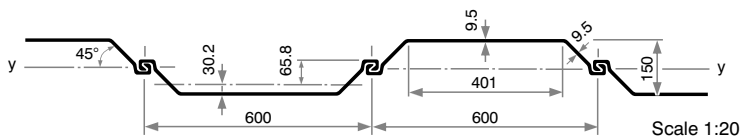
1) Section modulus referred:

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.



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
3	3	4	4	4	4