

Section illustrations and data

LARSEN 703 10/10

Section width per D = 1400 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr	
Elastic section modulus ¹⁾	W_y	cm ³	1340	437	1880	2190
	W_z	cm ³	–	1470	–	–
Plastic section modulus ¹⁾	W_y	cm ³	1572	–	–	–
Weight		kg/m	108.0	75.6	151.2	226.8
Cross sectional area		cm ²	137.6	96.3	192.6	288.9
Circumference ²⁾		cm	251	202	377	553
Coating area ³⁾		m ² /m	2.51	1.90	3.65	5.41
Static moment	S_y	cm ³	786	–	–	–
Second moment of inertia	I_y	cm ⁴	26800	5960	37600	52120
	I_z	cm ⁴	–	54240	–	–
Radius of gyration	i_y	cm	13.90	7.90	13.90	13.40

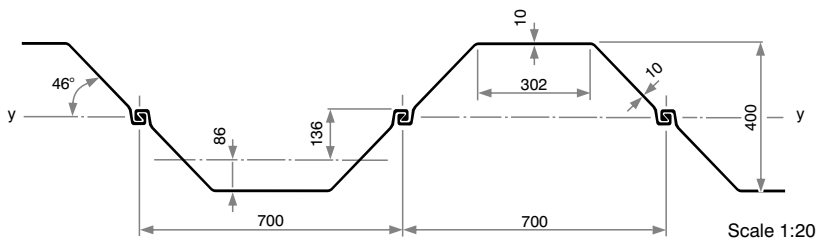
1) Section modulus referred:

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	3	3	3