

LARSEN 704

Section width per D = 1400 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr ⁴⁾	
Elastic section modulus ¹⁾	W _y	cm ³	1600	529	2240	2600
	W _z	cm ³	–	1320	–	–
Plastic section modulus ¹⁾	W _y	cm ³	1864	–	–	–
Weight		kg/m	115.0	80.5	161.0	241.5
Cross sectional area		cm ²	146.4	102.5	205.0	307.5
Circumference ²⁾		cm	260	211	392	574
Coating area ³⁾		m ² /m	2.60	1.99	3.80	5.62
Static moment	S _y	cm ³	960	–	–	–
Second moment of inertia	I _y	cm ⁴	35200	7910	49280	68255
	I _z	cm ⁴	–	42020	–	–
Radius of gyration	i _y	cm	15.50	8.80	15.50	14.90

1) Section modulus referred:

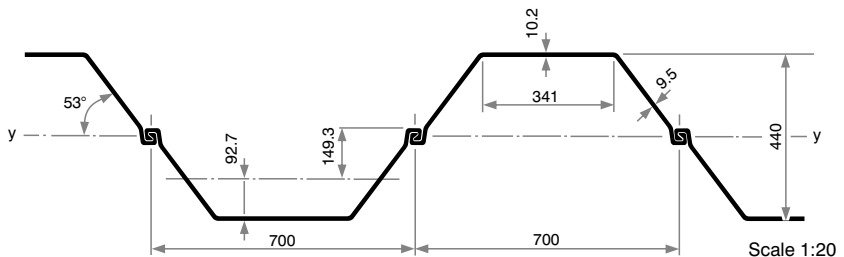
E and Dr – the heavy axis of the respective element; D and per m wall – the wall axis y-y.

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.

4) 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	3	3	3	3