

## Section illustrations and data

## LARSEN 607 n

Section width per D = 1200 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr	
Elastic section modulus <sup>1)</sup>	$W_y$	cm <sup>3</sup>	<b>3200</b>	649	3840	4330
	$W_z$	cm <sup>3</sup>	–	1730	–	–
Plastic section modulus <sup>1)</sup>	$W_y$	cm <sup>3</sup>	3620	–	–	–
<b>Weight</b>		kg/m	<b>190.0</b>	114.0	228.0	342.0
Cross sectional area		cm <sup>2</sup>	241.7	145.0	290.0	435.0
Circumference <sup>2)</sup>		cm	293	203	380	554
Coating area <sup>3)</sup>		m <sup>2</sup> /m	2.93	1.91	3.67	5.43
Static moment	$S_y$	cm <sup>3</sup>	1810	–	–	–
<b>Second moment of inertia</b>	$I_y$	cm <sup>4</sup>	<b>72320</b>	11280	86790	119400
	$I_z$	cm <sup>4</sup>	–	55070	–	–
Radius of gyration	$i_y$	cm	17.30	8.73	17.30	16.55

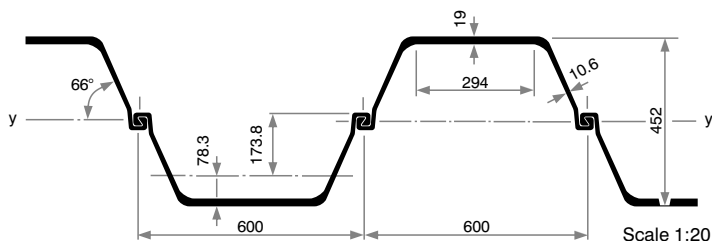
## 1) Section modulus referred:

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
2	2	2	2	2	2