

Section illustrations and data

HOESCH 1806 (LARSEN interlock)

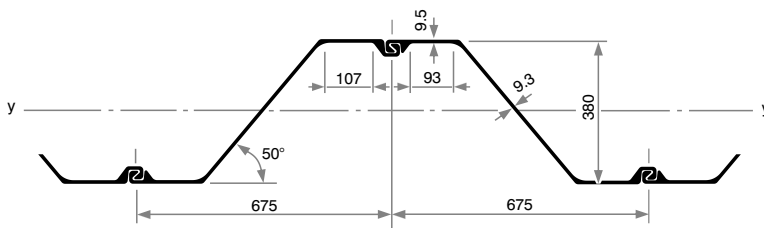
Section width per D = 1350 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr ³⁾	
Elastic section modulus	W _y	cm ³	1800	1215	2430	3645
	W _z	cm ³	–	1339	–	–
Plastic section modulus	W _y	cm ³	2098	–	–	–
Weight		kg/m	117.5	79.3	158.6	237.9
Cross sectional area		cm ²	149.7	101.0	202.0	303.0
Circumference ¹⁾		cm	258	197	371	546
Coating area ²⁾		m ² /m	2.58	1.83	3.57	5.32
Static moment	S _y	cm ³	1045	–	–	–
Second moment of inertia	I _y	cm ⁴	34200	23085	46170	69255
	I _z	cm ⁴	–	47670	–	–
Radius of gyration	i _y	cm	15.12	15.12	15.12	15.12

1) Including the internal surface of free interlocks of single, double and triple piles.

2) Without interlock interior – two-side coating.

3) Rolling/delivery on request only.



Scale 1:20

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