

Section illustrations and data

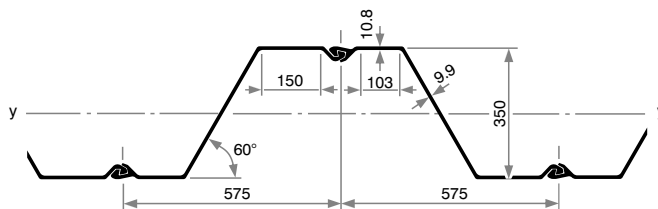
HOESCH 1805 (Finger-and-socket interlock)**Section width per D = 1150 mm**

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	D ^{r3)}	
Elastic section modulus	W _y	cm ³	1800	1035	2070	3105
	W _z	cm ³	–	883	–	–
Plastic section modulus	W _y	cm ³	2082	–	–	–
Weight		kg/m	125.0	71.9	144.0	215.5
Cross sectional area		cm ²	159.2	91.6	183.0	275.0
Circumference ¹⁾		cm	270	177	332	487
Coating area ²⁾		m ² /m	2.70	1.68	3.23	4.78
Static moment	S _y	cm ³	1041	–	–	–
Second moment of inertia	I _y	cm ⁴	31500	18110	36230	54340
	I _z	cm ⁴	–	27290	–	–
Radius of gyration	i _y	cm	14.06	14.06	14.06	14.06

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