

Section illustrations and data

HOESCH 2505 (Finger-and-socket interlock)

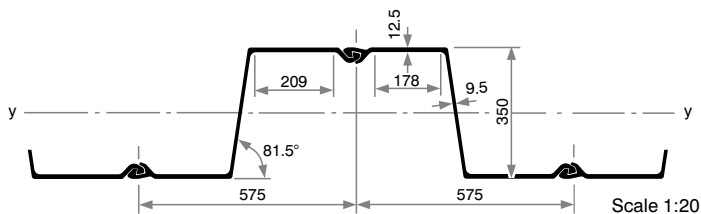
Section width per D = 1150 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr ³⁾	
Elastic section modulus	W _y	cm ³	2480	1426	2852	4278
	W _z	cm ³	–	998	–	–
Plastic section modulus	W _y	cm ³	2760	–	–	–
Weight		kg/m	152.0	87.4	174.8	262.2
Cross sectional area		cm ²	193.0	111.0	222.0	333.0
Circumference ¹⁾		cm	303	196	369	542
Coating area ²⁾		m ² /m	3.03	1.87	3.60	5.33
Static moment	S _y	cm ³	1380	–	–	–
Second moment of inertia	I _y	cm ⁴	43400	24955	49910	74865
	I _z	cm ⁴	–	30980	–	–
Radius of gyration	i _y	cm	14.90	14.90	14.90	14.90

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.



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