

Section illustrations and data

HOESCH 1705 K (Finger-and-socket interlock)

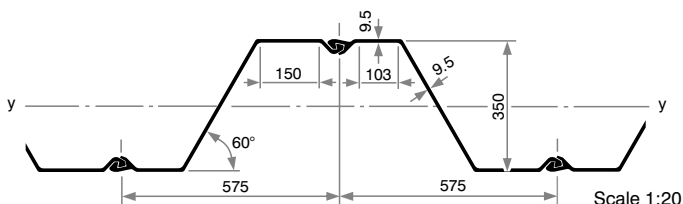
Section width per D = 1150 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr ³⁾	
Elastic section modulus	W _y	cm ³	1700	978	1955	2933
	W _z	cm ³	–	844	–	–
Plastic section modulus	W _y	cm ³	1958	–	–	–
Weight		kg/m	117.0	67.3	134.6	201.9
Cross sectional area		cm ²	149.0	85.7	171.4	257.1
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	979	–	–	–
Second moment of inertia	I _y	cm ⁴	29750	17106	34213	51319
	I _z	cm ⁴	–	26100	–	–
Radius of gyration	i _y	cm	14.13	14.13	14.13	14.13

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	2	3	3	3