

Section illustrations and data

HOESCH 1205 (Finger-and-socket interlock)

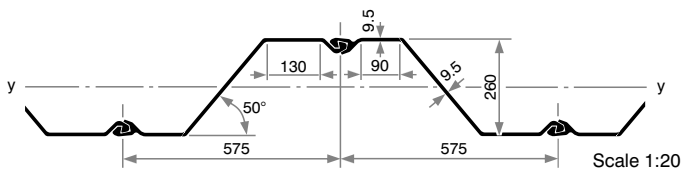
Section width per D = 1150 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
Elastic section modulus	W_y	cm ³	1140	655	1310	1970
	W_z	cm ³	–	876	–	–
Plastic section modulus	W_p	cm ³	1330	–	–	–
Weight		kg/m	107.0	61.5	123.0	184.5
Cross sectional area		cm ²	135.7	78.0	156.0	234.0
Circumference ¹⁾		cm	259	163	304	445
Coating area ²⁾		m ² /m	2.59	1.54	2.95	4.36
Static moment	S_y	cm ³	665	–	–	–
Second moment of inertia	I_y	cm ⁴	14820	8520	17040	25560
	I_z	cm ⁴	–	27130	–	–
Radius of gyration	i_y	cm	10.40	10.40	10.40	10.40

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