

## Section illustrations and data

## HOESCH 1705 (Finger-and-socket interlock)

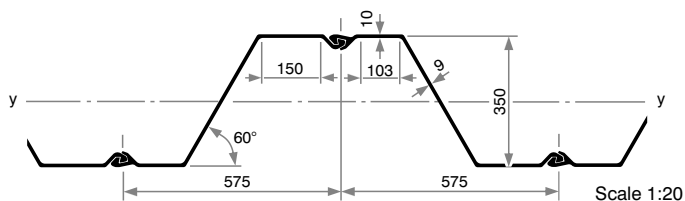
Section width per D = 1150 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile
<b>Elastic section modulus</b>	$W_y$	cm <sup>3</sup>	<b>1720</b>	989	1978
	$W_z$	cm <sup>3</sup>	–	856	–
Plastic section modulus	$W_p$	cm <sup>3</sup>	1978	–	–
<b>Weight</b>		kg/m	<b>116.0</b>	66.7	133.4
Cross sectional area		cm <sup>2</sup>	148.0	85.0	170.0
Circumference <sup>1)</sup>		cm	270	177	332
Coating area <sup>2)</sup>		m <sup>2</sup> /m	2.70	1.68	3.23
Static moment	$S_y$	cm <sup>3</sup>	989	–	–
<b>Second moment of inertia</b>	$I_y$	cm <sup>4</sup>	<b>30100</b>	17308	34615
	$I_z$	cm <sup>4</sup>	–	26450	–
Radius of gyration	$i_y$	cm	14.27	14.27	14.27

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