

Section illustrations and data

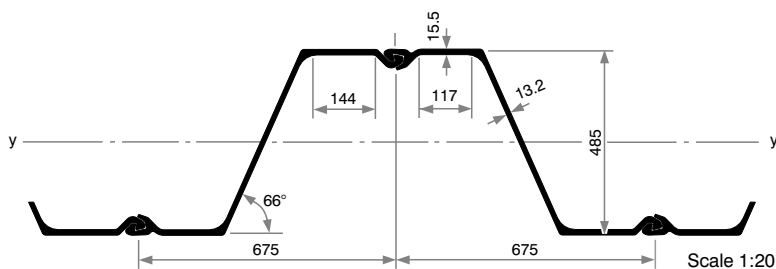
HOESCH 3806 (Finger-and-socket interlock)**Section width per D = 1350 mm**

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr ³⁾	
Elastic section modulus	W _y	cm ³	3780	2498	5103	7595
	W _z	cm ³	–	1691	–	–
Plastic section modulus	W _y	cm ³	4368	–	–	–
Weight		kg/m	188.4	127.2	254.4	381.6
Cross sectional area		cm ²	240.1	162.1	324.2	486.3
Circumference ¹⁾		cm	281	222	412	602
Coating area ²⁾		m ² /m	2.82	2.13	4.04	5.94
Static moment	S _y	cm ³	2184	–	–	–
Second moment of inertia	I _y	cm ⁴	91665	61900	123750	185650
	I _z	cm ⁴	–	61200	–	–
Radius of gyration	i _y	cm	19.54	19.54	19.54	19.54

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	2	2	2