

Z sheet piles

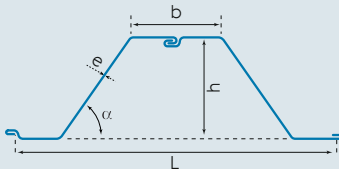


ZP 700

ZP 774

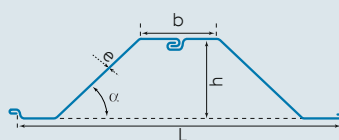
ZP 809

ZP 700



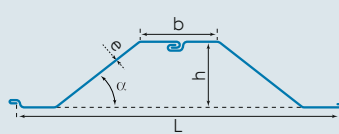
e	h (mm)	L	b	α (°)	Weight		Section modulus Elastic W_{el} (cm ³ /ml)	Moment of inertia I_y (cm ⁴ /ml)	Sectional area A_g (cm ² /ml)	Class according to NF EN 1993-5		
					Single pile (kg/ml)	Wall (kg/m ²)				S 235	S 275	S 355
6	440	1400	371	55	51,00	72,85	1289	28351	92,8	3	4	4
7	441	1400	371	55	59,50	85,00	1500	33060	108,3	3	3	3
8	442	1400	371	55	68,00	97,14	1709	37765	123,7	3	3	3

ZP 774



e	h (mm)	L	b	α (°)	Weight		Section modulus Elastic W_{el} (cm ³ /ml)	Moment of inertia I_y (cm ⁴ /ml)	Sectional area A_g (cm ² /ml)	Class according to NF EN 1993-5		
					Single pile (kg/ml)	Wall (kg/m ²)				S 235	S 275	S 355
6	375	1548	375	44	51,00	65,90	982	18436	83,9	3	4	4
7	376	1548	375	44	59,50	76,90	1142	21497	98,0	3	3	3
8	377	1548	375	44	68,00	87,90	1300	24555	112,0	3	3	3

ZP 809



e	h (mm)	L	b	α (°)	Weight		Section modulus Elastic W_{el} (cm ³ /ml)	Moment of inertia I_y (cm ⁴ /ml)	Sectional area A_g (cm ² /ml)	Class according to NF EN 1993-5		
					Single pile (kg/ml)	Wall (kg/m ²)				S 235	S 275	S 355
6	335	1618	378	38	51,00	63,00	830	13905	80,3	3	4	4
7	336	1618	378	38	59,50	73,50	965	16213	93,6	3	3	4
8	337	1618	378	38	68,00	84,00	1100	18518	107,0	3	3	3

Properties in compliance with Eurocodes 3 part 5.
Deliveries possible in long lengths (> 14 meters).
Other thickness on demand.

Quality and performance

Our cold rolled sheet piles have a wide spectrum of mechanical value in compliance with Eurocodes 3 Parts 5 and with the EN 10249. Our sheet piles present an optimal ratio volume/mechanical value because of a reduced "h". The Z sections present the best rate weight/mechanical value on the market.



Welding

The voestalpine Profilafröid Z sheet piles can be delivered, on request, in pairs welded with 150 mm long weld seam, regularly spaced out.

Pile length (L) en m	Weld number
$L \leq 3,0$	2
$3,0 < L \leq 8,0$	3
$8,0 < L \leq 12,0$	4
$12,0 < L$	5

Locks

Each sheet pile has locks in compliance with EN 10249.2. Each section could be adapted to your foundation geometries. Our locks are resistant to opening and unlocking and present a large deflection angle. Considering equivalent section, our Omega sheet piles section has higher mechanical value than « U » warm laminated sheet piles because of a better forces transmission into the locks.

