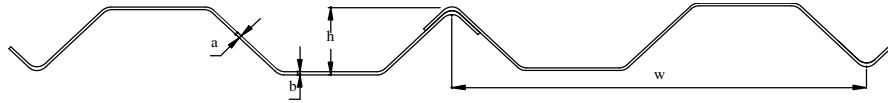


ESC TRENCH SERIES SHEET PILES



ESC Sheet Pile Type	Unit Width	Dimensions			Sectional Area	Unit Weight	Coating Area	Moment of Inertia	Modulus of Section
	w	a	b	h	Per wall	Per wall	Both Sides	Per wall	Per wall
	(m)	mm	mm	mm	cm ² /m	kg/m ²	Per wall	Per wall	Per wall
ESCT2	0.87	4.0	4.0	149.0	56.1	44.0	2.782	1,690	220
ESCT3	0.87	6.0	6.0	151.0	84.1	66.0	2.782	2,170	330
ESCT4	0.87	8.0	8.0	153.0	112.1	88.0	2.782	2,830	440

Description:
Basic trench pile with no interlock. Nominal width 870mm.

Characteristics:
Low strength Sheet Pile, suitable for standard earth pressures
Effective in high reuse situations where water cutoff is not required
Very fast installation and removal
Suitable for most soil types between soft and firm

Recommended Applications:
Low embankments
Pipe laying
Shallow Excavations

Driving Characteristics

Item	Parameter	Value
1	Optimal Soil Type	Soft-Hard
2	Maximum Driving Length	15.0 metres
3	Maximum internal corner angle*+	90 degrees
4	Maximum external corner angle *+	90 degrees

Notes

- * Angle refers to deviation off straight driving line
- *+ If required angle exceeds allowance, a corner pile should be used
- 1 Sheet pile properties based on effective section design as per BS5950-1998 Part 5. Section can develop full yield stress without onset of panel buckling
- 2 Computation of modulus considers bending in both directions. Lowest resulting value selected.

All sheet piles are available in S235, S275 and S355 steel. Grades such as S240, S270, S320, S390, S430 and other grades are available upon request.

For assistance in selecting the correct sheet pile for your application or custom designing your own sheet pile, please contact one of our representatives. Sheet pile specification sheets are to be used by experienced designers. It is recommended that users refer to ESC for free assistance in correct sheet pile selection.