HRZ SERIES

HOT ROLLED SHEET PILES

Production Steel Grades

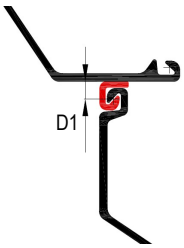
CLASSIFICATION Code	Grade	Minimum Yield Strength *MPa*	Ultimate Tensile Strength *MPa*	Minimum Elongation %
ASTM A572	Grade 50	345	450	18
	Grade 60	415	520	16
EN 10248	S355GP	355	480	22
	S390GP	390	490	20
	S430GP	430	510	19

Delivery Conditions & Tolerances

Component	Tolerance
Mass	± 5%
Length	*200mm*
Height (≤ *200mm*)	*5.0mm*
(> *200mm* & ≤ *300mm*)	*6.0mm*
(> *300mm*)	*7.0mm*
Thickness (≤ *8.5 mm*)	*0.5 mm*
(> *8.5 mm*)	± 6% of thickness
Width - Single	± 2% of width
- Pair	± 3% of width
Straightness	±0.2% of the length
Squareness of Ends	± 2% of the width

Note the piles may be produced to different tolerances if required for project requirements.

Corner Piles

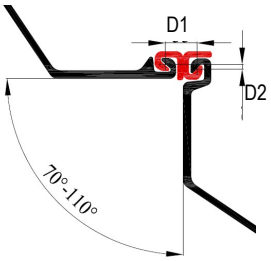


ESC-9E

Grade S355GP

Weight ***9.21kg/m***

D1 ***30mm***



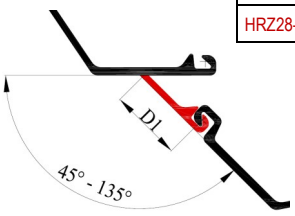
ESC-9E-2

Grade S355GP

Weight ***18.42kg/m***

D1 ***55mm***

D2 ***8mm***



Fabricated Corner Pile

Grade See Production Steel Grades

D1 ***76.2 - 152.4mm***

Interlock Combinations

Delivery Options

Supplied in singles or paired. Pairs either loose, welded or crimped. Can be supplied with Lifting Hole. Shipping by container (11.8m or less) or Break Bulk. Corrosion Protection Coatings are an option.

Minimum & Maximum Rolled Lengths

6m to 31m. Can be spliced to greater lengths. Can also be produced to project specific lengths.

Interlock Compatibility

	HRZ17-630	HRZ18-630	HRZ19-630	HRZ20-630	HRZ24-700	HRZ26-700	HRZ28-700
HRZ17-630	✓	✓	✓	✓	✓	✓	✓
HRZ18-630	✓	✓	✓	✓	✓	✓	✓
HRZ19-630	✓	✓	✓	✓	✓	✓	✓
HRZ20-630	✓	✓	✓	✓	✓	✓	✓
HRZ24-700	✓	✓	✓	✓	✓	✓	✓
HRZ26-700	✓	✓	✓	✓	✓	✓	✓
HRZ28-700	✓	✓	✓	✓	✓	✓	✓

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