

Column Root Foundation Guidance Notes

The following is generic information for guidance on required foundations for our range of Mid Hinge Inverting Columns

COLUMN HEIGHT	DEPTH OF CONCRETE ROOT - mm	DIA OF CONCRETE ROOT (ST2 GRADE) - mm		
		GROUND CONDITION		
		POOR	AVE	GOOD
4m	800	183	NONE	NONE
5m	800	269	159	NONE
6m	1000	199	NONE	NONE
8m	1200	214	NONE	NONE

DEFINITIONS USED

Maximum Lantern Area - 0.1m sq

Maximum Lantern Weight - 20Kg (4/5/6m Columns) - 25Kg (8m Column)

Bracket - Max 750mm Outreach x 42mm Dia Arm

Location- UK Mainland (Max basic wind speed 29m/s)

Concrete foundation extends to bottom of column root

Please take note of the definitions that have been used. If your application falls outside these limits, please contact us for specific advice.

While these guidance notes are given in good faith, Pudsey Diamond Engineering Ltd cannot be held responsible for individual installations.

Ian Gregory

Engineering Manager

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G:\ENGINEERING DEPT\COLUMN CALCULATIONS\GENERIC FOUNDATION DETAILS

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