



Conforms to BS 5709	Stockproof	Ease of use for Pedestrians	Accessible to Motorised Wheelchair Users	Accessible to Manual Wheelchair and Pushchair Users	Accessible to Horseriders	Accessible to Pedal Cyclists	Accessible to Motorcyclists
✓ ¹	✗	☺	✗	✓	✗	✓	✗

¹ for pedestrian use only



• Notes

A type of chicane designed for installation in deer fences that allows pedestrians to pass through but which has been found to be reasonably effective in deterring the passage of deer. The specification and dimensions shown overleaf are based on a design used on the Cairngorms National Nature Reserve. It is not completely deer-proof and some deer will get through; it appears to be more effective against stags than hinds, possibly because of their larger size and antlers. It will also allow sheep and lambs to pass.

A key feature of the design is that it must be installed on the outside of the fenced off area (i.e. it must project into the area in which deer are present). Deer tend to follow fence lines and therefore are more likely to be deflected away from the gap if the chicane structure acts as an obstacle along the fence line.

It is thought that this design is likely to be most successful in situations where the deer density is relatively low. In higher density areas, the installation of a 'double' or 'treble' chicane may be more effective.

The gap of 925 through the chicane is sufficient to allow pedestrians, including walkers with large rucksacks, to pass through with ease. Since the dimension of the 'gap' through the chicane exceeds the minimum of 900 required by BS5709 for pedestrians, the design probably conforms to this British Standard. Although its suitability for other users has not been tested, it is likely to be accessible to single (and possibly double) pushchairs and people in manual wheelchairs. Cycles will probably need to be tipped up on the back wheel. It will not be accessible to motorised wheelchair users.

If installed in upland areas, the needs of other users may need to be taken into account. The chicane will be accessible to cross country skiers if they take off their skis. It may cause problems, however, if installed on a route used by stalking ponies or mountain rescue teams. In such circumstances, a gate may need to be installed alongside.

• Construction and Installation Details

Posts (excluding the straining posts that form part of the deer fence) : 6 no. 3500 (min.) x 75 diam. round; erected to a top height of 2100 above ground level. Alternatively 100 diam. round could be used: these will make a more substantial structure.

Rails : 8 no. rows of 88 x 38 rails with a gap of approximately 150 between.

• Design Source and Contacts for Further Information

Further Information : Scottish Natural Heritage, Wynne Edwards House, 16/17 Rubislaw Terrace, Aberdeen. AB10 1XE. Tel. 01224 642863

• User Notes : Design Modifications and Reference Information

