



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 accessible but not very convenient or suitable for the purpose



• **Notes**

A kissing gate, specifically designed for installation in deer fences, which is currently used on the West Highland Way.

It can be conveniently used by pedestrians, including walkers with large rucksacks. 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, although the size and weight of the gate may cause problems for some users. Cycles could be taken through if tipped up on the back wheel. It will not be accessible to motorised-wheelchair users.

The gate is fabricated wholly from rails and is based on the design detailed in Information Sheet 2.⁵ but with a total gate height of 2000 rather than 1170. To reduce its overall weight, this gate is fabricated from 75 x 25 rails rather than 88 x 38 rails.

The internal width of the enclosure is 1200 although the use of large support posts restricts the accessible width to approximately 900. The effective depth of the enclosure (from the back of the enclosure to the end of the gate in its central position) is approximately 950. These dimensions mean that the design does not conform to BS5709.

The design on the West Highland Way is not fitted with self-closing hinges: it is possible that with a gate of these dimensions, such hinges would not function properly. It is completely effective against deer but it is understood that some hill sheep and lambs may be able to get through; this could be overcome by installing an internal V enclosure as detailed in Information Sheet 2.⁹.

• **Construction and Installation Details**

Gate Hanging Post : 1 no. 3500 (min.) x 175 diam. round; erected to a top height of 2075 above ground level.

Enclosure Posts : 4 no. 3500 (min.) x 175 diam. round; erected to a height of 2075 above ground level.

Enclosure Rails : 8 no. rows of 75 x 25 rails (c. 1250 long) on each side and on the back. All erected to a top height of 1950 above ground level.

Gate Fabrication : all from 75 x 25 rails (see Information Sheet 2.⁵ for construction details).

Hinges : Top - 600 double strap band with normal eye.

Bottom - 600 double strap band with normal eye.

Given the height of this structure, the gate hanging and enclosure posts should be fixed firmly in the ground. Make the hole as narrow as possible and backfill with well rammed earth and stones. Concreting should not be necessary, except where ground conditions prevent the hole being dug to the full depth.

The bottom hinge pin should be reversed, if necessary, to prevent gate removal.

• **Design Source and Contacts for Further Information**

Design Source and Contact : Access and Rural Skills Department, Loch Lomond and The Trossachs National Park, Balloch Castle, Balloch, Dunbartonshire. G53 8LX. Tel. 01389 722600.

• **User Notes : Design Modifications and Reference Information**

