

Safety fences and barriers for highways —

Part 8: Specification for concrete safety barriers

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Road Engineering Standards Committee (RDB/-) to Technical Committee RDB/18 upon which the following bodies were represented:

- Aluminium Federation
- Association of Consulting Engineers
- British Railways Board
- British Steel Industry
- Cement and Concrete Association
- Convention of Scottish Local Authorities
- County Surveyors' Society
- Department of Transport (Highways)
- Institution of British Engineers
- Institution of Civil Engineers
- Institution of Highways and Transportation
- Royal Automobile Club
- Royal Society for the Prevention of Accidents

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Department of Transport (Transport and Road Research Laboratory)
- Fencing Contractors' Association

This British Standard, having been prepared under the direction of the Road Engineering Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 November 1987

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Foreword

This Part of BS 6579 has been prepared under the direction of the Road Engineering Standards Committee. The other Parts of BS 6579 either published or in preparation are:

- *Part 1: Specification for components for tensioned corrugated beam safety fence on Z posts;*
- *Part 2: Specification for tensioned corrugated beam safety fence on offset brackets;*
- *Part 3: Specification for tensioned rectangular hollow section beam safety fence (100 mm × 100 mm);*
- *Part 4: Specification for tensioned rectangular hollow section beam safety fence (200 mm × 100 mm);*
- *Part 5: Specification for open box beam safety fence (single height);*
- *Part 6: Specification for open box beam safety fence (double height);*
- *Part 7: Specification for untensioned corrugated beam safety fences.*

In this revision of the 1985 edition of BS 6579-8 the principal changes are as follows.

- a) Additional figures have been included to cover extra types of transition unit (types 3 and 4).
- b) Most of the existing figures have had minor modifications incorporated.
- c) The references to CP 110 “The structural use of concrete” Part 1 “Design, materials and workmanship” (now withdrawn) have been replaced by appropriate references to BS 8110-1.

This revision of BS 6579 supersedes the 1985 edition which is withdrawn.

BS 6579 is being produced at the request of users and manufacturers in order to cover the various types of safety fences and barriers available.

Fences detailed in Parts 1 to 7 have been developed already and approved for use in roads in the United Kingdom.

The designs are based on the results of static and dynamic tests carried out in the past on components and complete systems under the direction of the Transport and Road Research Laboratory.

The safety barrier detailed in this Part is for use only on certain roads at the date of publication of this Part of BS 6579.

If further types are developed, BS 6579 will be revised and increased in scope to cover additions and variations.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 26, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.