

Road traffic signs and internally illuminated bollards —

Part 4: Specification for road studs

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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/6, upon which the following bodies were represented:

- Aluminium Federation
- Association of Road Traffic Sign Makers
- British Plastics Federation
- British Precast Concrete Federation Ltd.
- British Rubber Manufacturers Association
- British Sign Association
- British Steel Industry
- British Telecommunications plc
- Bus and Coach Council
- County Surveyor's Society
- Department of Transport (Highways)
- Electrical Installation Equipment Manufacturers Association (BEAMA Ltd.)
- Electricity Supply Industry in England and Wales
- Institution of Civil Engineers
- Institution of Highways and Transportation
- Institution of Lighting Engineers
- Lighting Industry Federation Ltd.
- Retro-Reflective Equipment Manufacturers Association
- Vitreous Enamel Development Council
- Zinc Development 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 January 1987

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Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
1 Scope	1
2 Definitions	1
3 Marking	1
4 Construction of road studs	1
5 Materials	2
6 Colorimetric requirements for the retroreflectors of reflecting road studs	2
7 Photometric requirements for the retroreflectors of permanent reflecting road studs	3
8 Colorimetric and luminance requirements for the body of temporary reflecting road studs	3
9 Photometric requirements for retroreflectors of temporary reflecting road studs	4
10 Colour fastness to light of body of temporary reflecting road studs	4
11 Corrosion resistance of the retroreflectors of reflecting road studs	4
12 Resilience of depressible reflecting road studs	4
13 Adhesives for bonding road studs	4
Appendix A Tests	6
Appendix B Sampling procedure for laboratory tests of road studs	6
Appendix C Method of test for corrosion resistance of retroreflectors of reflecting road studs	6
Appendix D Method of test for resilience of depressible reflecting road studs	6
Appendix E Method of test for adhesives for bonding permanent road studs	6
Appendix F Information on test for performance of reflecting road studs under conditions of traffic	7
Appendix G Installation of road studs	9
Figure 1 — Test specimen for shear strength test	8
Figure 2 — Restraining frame	9
Table 1 — Corner coordinates for white retroreflectors	2
Table 2 — Corner coordinates for red retroreflectors	2
Table 3 — Corner coordinates for amber retroreflectors	2
Table 4 — Corner coordinates for green retroreflectors	2
Table 5 — Minimum R values for category A permanent studs	3
Table 6 — Minimum R values for category B permanent studs	3
Table 7 — Corner factors for the retroreflectors of reflecting road studs	3
Table 8 — Corner coordinates and minimum luminance factor for temporary road stud body	4
Table 9 — Minimum and maximum R values for category A temporary studs	4
Table 10 — Minimum and maximum R values for category B temporary studs	4
Table 11 — Test temperature for adhesive cure	5
Table 12 — Laboratory tests required	6
Table 13 — Number of studs required for laboratory tests	7
Publications referred to	Inside back cover

Foreword

This revision of BS 873-4 has been prepared under the direction of the Road Engineering Standards Committee. It supersedes BS 873-4:1973 which is withdrawn.

BS 873 was first published in 1939 in response to a request from the Association of Road Traffic Sign Makers, and was revised in 1959 and 1970. As a result of subsequent experience and the advent of new materials and methods of construction, it is being further revised to bring it up to date. This process will continue in future revisions.

The revised standard is being published in the following separate Parts, relating to the various aspects of road traffic signs and internally illuminated bollards which are considered to be suitable for standardization.

- *Part 1: Methods of test;*
- *Part 2: Specification for miscellaneous signs;*
- *Part 3: Specification for internally illuminated bollards;*
- *Part 4: Specification for road studs;*
- *Part 5: Specification for internally illuminated signs and external lighting luminaires;*
- *Part 6: Specification for retroreflective and non-retroreflective signs;*
- *Part 7: Specification for posts and fittings;*
- *Part 8: Specification for cones and cylinders.*

NOTE BS 873-1 gives further details of the various Parts.

The main changes to this revision of BS 873-4 are as follows.

- a) The fluorescent green-yellow, temporary reflecting road studs used at road-work installations are now included.
- b) A quality assurance procedure, to ensure that adequate quality control is being adopted in the manufacture of road studs, has been added to Appendix A.
- c) Recommendations for the installation of anchored studs have been added to those for bonded studs in Appendix G. These recommendations, however, should only be used in conjunction with the manufacturer's installation instructions.

Temporary reflecting road studs are normally installed at 1 m to 2 m centres, and in order that the studs do not present a distracting reflective signal, maximum as well as minimum photometric values have been incorporated in Table 9 and Table 10.

Some of the tests specified in this standard are such as to necessitate a programme of sampling. Such a procedure should be agreed between the manufacturers and the testing organization before supplying the samples. Attention is drawn to BS 2635, BS 6000, BS 6001 and BS 6002.

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. In particular, attention is drawn to the following.

The Traffic Signs Regulations and General Directions

The Traffic Signs (Speed Limits) Regulations and General Directions.

The Pedestrian Crossing Regulations.

Information on the relationship between these regulations and BS 873 is given in appendix A of BS 873-1:1983.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 10, 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.

