

Impact protection helmets for young children

The European Standard EN 1080:1997, with the incorporation of amendments A1:2002 and A2:2005, has the status of a British Standard

ICS 13.340.20; 97.190

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PH/6, Head protection, upon which the following bodies were represented:

Headway National Head Injuries Association
Health and Safety Executive
Institution of Mechanical Engineers
Ministry of Defence
Royal National Lifeboat Institution
Safety Equipment Association
Transport Research Laboratory

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

Association of Consulting Scientists
Association of Cycle Traders
Bicycle Association of GB
British Cycling Federation
British Safety Industry Federation
Consumer Policy Committee of BSI
Cyclists Touring Club
Department of Transport
Parliamentary Advisory Council for Transport Safety
Royal College of Paediatrics and Child Health
Royal Society for the Prevention of Accidents
University of Southampton

This British Standard, having been prepared under the direction of the Health and Environment Sector Board, was published under the authority of the Standards Board and comes into effect on 15 August 1997

© BSI 8 March 2006

The following BSI references relate to the work on this standard:
Committee reference PH/6
Draft for comment 93/305619 DC

Amendments issued since publication

Amd. No.	Date	Comments
14015	6 January 2003	See national foreword
16167	March 2006	See national foreword

ISBN 0 580 27680 5

National foreword

This British Standard has been prepared by Technical Committee PH/6, and is the English language version of EN 1080:1997, *Impact protection helmets for young children*, including amendments A1:2002 and A2:2005, published by the European Committee for Standardization (CEN).

The start and finish of text introduced or altered by CEN amendment is indicated in the text by tags **[A1]** **[A1]**. Tags indicating changes to text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by **[A1]** **[A1]**.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its 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, page i, a blank page, the EN title page, pages 2 to 15 and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

ICS 13.340.20; 97.190

Descriptors: Children, games, bicycles, accident prevention, helmets, specifications, equipment specifications, shock resistance, fastenings, dimensions, test, marking, information

English version

Impact protection helmets for young children

(includes amendments A1:2002 and A2:2005)

Casques de protection contre les chocs pour jeunes
enfants
(inclut les amendements A1:2002 et A2:2005)

Stoßschutzhelm für Kleinkinder
(enthält Änderungen A1:2002 und A2:2005)

This European Standard was approved by CEN on 1997-01-09. Amendment A1:2002 was approved by CEN on 2002-08-01 and amendment A2:2005 was approved by CEN on 2005-11-04. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

© 1997 Copyright reserved to CEN members.

Ref. No. EN 1080:1997 + A1:2002 + A2:2005 E
 **Documents**
Document Sharing Hub

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 158, Head protection, the Secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 1997, and conflicting national standards shall be withdrawn at the latest by September 1997.

This European Standard has been prepared under a Mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For its relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Foreword to amendment A1

This document EN 1080:1997/A1:2002 has been prepared by Technical Committee CEN/TC 158 Head protection, the Secretariat of which is held by BSI.

This amendment to the European Standard EN 1080:1997 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2003, and conflicting national standards shall be withdrawn at the latest by March 2003.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Foreword to amendment A2

This European Standard (EN 1080:1997/A2:2005) has been prepared by Technical Committee CEN/TC 158 “Head Protection”, the secretariat of which is held by BSI.

This amendment to the European Standard EN 1080:1997 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Contents

	Page
Foreword	2
Introduction	3
1 Scope	3
2 Normative references	3
3 Definitions	3
4 Requirements	4
5 Testing	7
6 Marking	12
7 Information supplied by the manufacturer	13
Annex A (informative) Alternative procedure for artificial ageing	14
Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives	15
Figure 1 — Field of vision	6
Figure 2 — Definition of test area	9
Figure 3 — Principle of apparatus for determination of shock absorbing capacity	10
Figure 4 — Principle for testing of the self-release mechanism	12
Table 1 — Sizes of headforms	7
Table 2 — Sequence of test and tests per sample	8
Table 3 — Test parameters	11