

Helmets for pedal cyclists and for users of skateboards and roller skates

The European Standard EN 1078 : 1997, with the incorporation of
Amendment A1 : 2005, has the status of a British Standard

ICS 13.340.20

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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:

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

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 Great Britain
- 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 June 1997

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The following BSI references relate to the work on this standard:
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National foreword

This British Standard has been prepared by Technical Committee PH/6 and is the English language version of EN 1078 : 1997, including amendment A1 : 2005, *Helmets for pedal cyclists and for users of skateboards and roller skates* published by the European Committee for Standardization (CEN). It supersedes BS 6863 : 1989, which is withdrawn..

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment 1 : 2005 is indicated by **A1** **A1**.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 14, an inside back cover and a back cover.

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Descriptors: Sports, cycling, accident prevention, helmets, specifications, equipment specifications, field of visibility, shock resistance, fastenings, dimensions, tests, marking, information

English version

Helmets for pedal cyclists and for users of skateboards and roller skates

Casques pour cyclistes et pour utilisateurs de
planches à roulettes et de patins à roulettes

Helme für Radfahrer und für Benutzer von
Skateboards und Rollschuhen

This European Standard was approved by CEN on 1997-01-09. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

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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 August 1997, and conflicting national standards shall be withdrawn at the latest by August 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 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.

Introduction

The protection given by a helmet depends on the circumstances of the accident and wearing a helmet cannot always prevent death or long term disability.

A proportion of the energy of an impact is absorbed by the helmet, thereby reducing the force of the blow sustained by the head. The structure of the helmet may be damaged in absorbing this energy and any helmet that sustains a severe blow needs to be replaced even if damage is not apparent.

The technical committee which has prepared this standard realizes that it is of importance for the wearer’s comfort and psychrometric performance that a helmet is ventilated. At the time the standard was prepared no method for measuring the ventilating capacity of a helmet was recognized. For that reason no requirements concerning ventilation or heat transmission have been introduced. Manufacturers of helmets are urged to design their helmets to encourage a flow of air over the wearer’s head.

Pedal cyclists’ helmets and helmets for users of skateboards and roller skates are fitted with a retention system to retain the helmet on the head. However, there may be a foreseeable risk that helmets of young children could become trapped and thereby cause a risk of strangulation of the child. In such cases an impact protection helmet for young children (see EN 1080) should be used.

Foreword to amendment A1

This European Standard (EN 1078:1997/A1:2005) 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 1078:1997 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 United Kingdom.

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