

Personal eye protection — Sun glare filters for industrial use

The European Standard EN 172:1994, with the incorporation of amendments A1:2000 and A2:2001, has the status of a British Standard

ICS 13.340.20

Confirmed March 2009

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PSM/2, Eye protection, upon which the following bodies were represented.

- Association of Consulting Scientists
- British College of Optometrists
- British Foundry Association
- British Glass Manufacturers' Confederation
- British Plastics Federation
- British Steel plc
- Department of Trade and Industry (National Physical Laboratory)
- Electricity Association
- Engineering Equipment and Materials Users' Association
- Federation of Manufacturing Opticians
- Flat Glass Manufacturers' Association
- Health and Safety Executive
- Industrial Safety (Protective Equipment) Manufacturers' Association
- Institution of Gas Engineers
- Institution of Mechanical Engineers
- Institution of Occupational Safety and Health
- Light Metal Founders' Association
- Manufacturing Science Finance
- Ministry of Defence
- National Radiological Protection Board
- Safety Equipment Distributors' Association
- Steel Casting Research and Trade Association
- Trades Union Congress
- Zinc Alloy Die Casters' Association

This British Standard, having been prepared under the direction of the Consumer Products and Services Sector Board, was published under the authority of the Standards Board and comes into effect on 15 May 1995

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Amendments issued since publication

Amd. No.	Date	Comments
10942	August 2000	Clause 4.2.2 deleted, Annex ZA added
13373	30 January 2002	Indicated by a sideline

The following BSI references relate to the work on this standard:
Committee reference PSM/2
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National foreword

This British Standard has been prepared by Technical Committee PSM/2 and is the English language version of EN 172:1994, *Personal eye-protection — Sunglare filters for industrial use*, including amendments A1:2000 and A2:2001, published by the European Committee for Standardization (CEN). EN 172 was produced as a result of international discussions in which the United Kingdom took an active part.

It should be noted that this standard is one of several standards for filters used in personal eye-protection, others being BS EN 169, BS EN 170, BS EN 171. Like these other standards, this standard does not specify a complete eye-protector, and therefore does not replace BS 2724 *Specification for sunglare eye-protectors for general use*, which will be replaced by a separate BS EN (in course of preparation) for sunglasses and sunglare filters for general use (see clause 1 of this standard).

Cross-references

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

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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 15 and a back cover.

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

Sidelining in this document indicates the most recent changes by amendment.

Descriptors: Accident prevention, eyes, radiation protection, solar radiation, sunlight, optical filters, designation, specifications, physical properties, transmittance, tests, labelling

English version

Personal eye protection — Sunglare filters for industrial use

(includes amendments A1:2000 and A2:2001)

Protection individuelle de l'oeil —
Filtres de protection solaire pour usage industriel
(inclut les amendements A1:2000 et A2:2001)

Persönlicher Augenschutz — Sonnenschutzfilter für
den betrieblichen Gebrauch
(enthält Änderungen A1:2000 und A2:2001)

This European Standard was approved by CEN on 1994-12-05. Amendment A1 was approved by CEN on 2000-03-07. Amendment A2:2001 was approved by CEN on 2001-06-29. 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

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

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Ref. No. EN 172:1994 + A1:2000 + A2:2001 E

Foreword

This European Standard was prepared by the Technical Committee CEN/TC 85, Eye-protective equipment, of which the Secretariat is held by AFNOR.

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 EC Directive(s).

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 June 1995, and conflicting national standards shall be withdrawn at the latest by June 1995.

According to the CEN/CENELEC Internal Regulations, 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, United Kingdom.

Foreword to Amendment A1

This Amendment EN 172:1994/A1:2000 to EN 172:1994 has been prepared by Technical Committee CEN/TC 85, Eye protective equipment, the Secretariat of which is held by AFNOR.

This Amendment to the European Standard EN 172:1994 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2000, and conflicting national standards shall be withdrawn at the latest by October 2000.

This Amendment to the European Standard EN 172:1994 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.

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Foreword to Amendment A2

This Amendment EN 172:1994/A2:2001 to the EN 172:1994 has been prepared by Technical Committee CEN/TC 85, Eye-protective equipment, the Secretariat of which is held by AFNOR.

This Amendment to the European Standard EN 172:1994 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2002, and conflicting national standards shall be withdrawn at the latest by February 2002.

This Amendment to the European Standard EN 172:1994 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.