

Polymeric materials, cellular flexible — Polyurethane foam for load-bearing applications excluding carpet underlay — Specification

The European Standard EN ISO 5999:2004 has the status of a British Standard

ICS 83.100

National foreword

This British Standard is the official English language version of EN ISO 5999:2004. It is identical with ISO 5999:1982. It partially supersedes BS 3379:2003.

The UK participation in its preparation was entrusted to Technical Committee PRI/71, Flexible cellular materials, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Additional information

BS 3379:2003 is currently being modified to retain only those requirements relating to combustion modified load-bearing polyurethane cellular materials.

It should be noted that in the UK, since 1 March 1989, only combustion modified materials have been legally permitted under the Furniture and Furnishings (Fire) (Safety) Regulations 1988 (SI 1988 No. 1324) and the Furniture and Furnishings (Fire) (Safety) (Amendment) Regulations 1989 (SI 1988 No. 2358) for use in the manufacture of domestic upholstered furniture, mattresses and bed bases. These Regulations contain legal requirements and definitions for components to be used in the manufacture of domestic upholstered furniture, mattresses and bed bases.

BS 3379:2003 specifies requirements for load-bearing polyurethane cellular materials that have been defined as combustion modified through the application of SI 1988 No. 1324. BS 3379:2003 also specifies requirements for load-bearing polyurethane cellular materials that are not combustion modified as defined through the application of SI 1988 No. 1324, i.e. those which cannot be legally used in the manufacture of domestic upholstered furniture, mattresses and bed bases in the UK. These latter requirements will be removed from BS 3379:2003 such that BS EN ISO 5999 becomes the only British Standard that specifies requirements for load-bearing polyurethane cellular materials that are not combustion modified (as defined above).

Reference to the Furniture and Furnishings (Fire) (Safety) Regulations 1988, Part 1 of Schedule 1, Ignitability test for polyurethane foam in slab or cushion form, can be sourced direct from the HMSO at http://www.legislation.hmso.gov.uk/si/si1988/Uksi_19881324_en_1.htm.

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Amendments issued since publication

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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.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, the EN ISO foreword page, the ISO title page, the ISO foreword page, pages 1 to 10, the Annex ZA page and a back cover.

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English version

Polymeric materials, cellular flexible - Polyurethane foam for
load-bearing applications excluding carpet underlay -
Specification (ISO 5999:1982)

Matériaux polymères alvéolaires souples - Mousse de
polyuréthane pour utilisations soumises à des charges, à
l'exclusion des revers de tapis - Spécifications (ISO
5999:1982)

This European Standard was approved by CEN on 17 June 2004.

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.



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Foreword

The text of ISO 5999:1982 has been prepared by Technical Committee ISO/TC 45 "Rubber and rubber products" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 5999:2004 by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by IBN.

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 January 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

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.

Endorsement notice

The text of ISO 5999:1982 has been approved by CEN as EN ISO 5999:2004 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).