

Inlet valves for flushing cisterns with internal overflow

The European Standard EN 14124:2004 has the status of a
British Standard

ICS 91.140.70

National foreword

This British Standard is the official English language version of EN 14124:2004.

The UK participation in its preparation was entrusted by Technical Committee B/504, Water supply, to Subcommittee B/504/8, Terminal fittings, 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 UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

Other information

Background

When this project first started in CEN/TC 164/WG 8 there were many debates about whether the text should be developed in two Parts or as two separate standards, to reflect requirements for typical products made in mainland Europe or the UK. Discussion at the time was complicated by a similar debate concerning a sister specification being developed by CEN/TC 163 covering requirements for WC flushing cisterns (wherein inlet valves are used) and whether that should be drafted in two Parts, or in the case of cisterns, whether two classes should be included in a single specification.

The introduction of the Water Supply (Water Fittings) Regulations 1999 had a significant impact on this debate from the UK’s perspective, as they introduced regulatory requirements for the performance of WC suites, but removed a previous bylaw requirement for flushing cisterns to be equipped with valveless outlet devices i.e. siphons.

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 21 and a back cover.

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After considerable resistance, and intervention by CEN/BT and the EC, it was agreed that EN 997 (the European standard being developed for WCs), should include two classes; one covering typical products made in mainland Europe, and the other covering the new UK regulatory requirements. This agreement led to a similar agreement concerning WC flushing cisterns wherein prEN 14055 includes two classes. Again, one covers requirements for typical products made in mainland Europe, the other UK regulatory requirements.

It took some time before the situation concerning EN 997 and prEN 14055 became apparent to those developing EN 14124, and it was only during the Formal Vote that major players started believing that the principle of two classes should be written into that also. However, it was too late. The new members of CEN, resulting from the recent enlargement of the European Union, all voted positively and consequently the text was approved by a very slim margin.

The Bathroom Manufacturers Association's position, endorsed by BSI Technical Committee B/504

The Bathroom Manufacturers Association (BMA) took the view that arguing for inclusion of the UK regulatory requirements in EN 997 involved considerable expense. With WC flushing cisterns the pressure for two classes came from mainland Europe. The BMA was unwilling to argue for classes in EN 14124, but agreed to the principle of referencing BS 1212 as Class 2 in a future revision of the standard, when it was suggested (in line with the principles adopted in EN 997 and prEN 14055). Members took the view that the Water Regulations made the UK requirements very clear, and that their inclusion in EN 14124 is almost irrelevant. However, they agreed that it would be reasonable to flag up the requirements of the regulations in this national foreword to avoid confusion for the reader.

The Water Supply (Water Fittings) Regulations 1999

Attention is drawn to the Water Supply (Water Fittings) Regulations 1999 and the Regulators' Specification for WC Suites delivering a single flush of 6 litres maximum, or a dual-flush of 6 litres maximum, and a reduced flush of no greater than 2/3 of the maximum flush. The Regulators' Specification for WC Suites requires inlet valves for WC flushing cisterns to comply with the requirements of BS 1212-2, -3 or -4. The requirements of BS 1212-2, -3 and -4 are not included in EN 12124. It is possible that the requirements of BS 1212-2, -3 and -4 will be referenced as Class 2 products in a future revision of EN 14124.

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.

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English version

Inlet valves for flushing cisterns with internal overflow

Robinet pour remplissage de réservoir de chasse avec
trop-plein intérieur

Füllventile für Spülkästen mit integriertem Überlauf

This European Standard was approved by CEN on 9 July 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.

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Foreword

This document (EN 14124:2004) has been prepared by Technical Committee CEN/TC 164 "Water supply", the secretariat of which is held by AFNOR.

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

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