

Waste fittings for sanitary appliances —

Part 2: Test methods

The European Standard EN 274-2:2002 has the status of a
British Standard

ICS 91.140.70

National foreword

This British Standard is the official English language version of EN 274-2:2002. Together with BS EN 274-1:2002 and BS EN 274-3:2002 it supersedes BS EN 274:1993, BS EN 329:1997, BS EN 411:1995, BS 3380:1982 and BS 3943:1979, which are withdrawn. The obsolescent BS 1184:1976 is also withdrawn.

WARNING. The national foreword to BS EN 274:1993 cautioned that the incorrect use of products conforming to that standard in a UK waste water system could result in a health hazard. This is still true for some of the products under the scope of this standard. To be used satisfactorily with traditional UK installations having 1 ¼", 1½" and 2" Imperial-sized threaded outlets, the internal diameter of the threaded end of the waste outlet should be not less than 36 mm, 41.7 mm or 51.9 mm respectively, this to extend for a least 7 mm from the threaded end of the waste outlet.

The UK participation in its preparation was entrusted to Technical Committee B/505, Wastewater engineering, 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.

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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This British Standard, having been prepared under the direction of the Building and Civil Engineering Sector Policy and Strategy Committee, was published under the authority of the Standards Policy and Strategy Committee on 4 September 2002

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 10, an inside back cover and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments
14957 Corrigendum No. 1	16 February 2004	Correction to title and revision of national foreword

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ISBN 0 580 40337 8

English version

Waste fittings for sanitary appliances - Part 2: Test methods

Dispositifs de vidage des appareils sanitaires - Partie 2:
Méthodes d'essai

Ablaufgarnituren für Sanitärausstattungsgegenstände -
Teil 2: Prüfverfahren

This European Standard was approved by CEN on 23 December 2001.

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 Management Centre 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 Management Centre has the same status as the official versions.

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



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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 165, "Wastewater engineering", the secretariat is held by DIN.

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 July 2002, and conflicting national standards shall be withdrawn at the latest by July 2002.

Together with Parts 1 and 3 of this standard this European Standard supersedes EN 274:1992, EN 329:1994 and EN 411:1995.

The other parts of the European Standard contain the necessary statements on dimensional and hydraulic requirements and quality control of waste fittings for sanitary appliances.

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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies test methods for the requirements of waste outlets, traps and overflows in accordance with EN 274-1:2002.

NOTE All figures in this standard are diagrammatic only.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 274-1:2002, *Waste fittings for sanitary appliances – Part 1: Requirements*.

3 Temperature cycling test

Waste outlets and traps shall be subjected to the passage of hot and cold water according to the following schedule for 5 cycles:

- a) X l/s of water of a temperature of 95^{+0}_{-2} °C over a period of 15 min at a constant flowrate and
- b) X l/s of water of a temperature of (20 ± 5) °C over a period of 10 min at a constant flowrate.

The value of X is the minimum flow rate as given in Table 3 of EN 274-1:2002, but with a maximum of 0,5 l/s.

The water shall enter the waste outlet having the required temperature.

A drainage period between cycles of up to 5 s is permissible.