



National Standards Authority of Ireland

IRISH STANDARD

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ICS 13.060.30
23.040.01

**GENERAL REQUIREMENTS FOR
COMPONENTS USED IN HYDRAULICALLY
PRESSURIZED DISCHARGE PIPES, DRAINS
AND SEWERS**

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EUROPEAN STANDARD

EN 773

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1999

ICS 13.060.30; 23.040.01

English version

General requirements for components used in hydraulically pressurized discharge pipes, drains and sewers

Prescriptions générales pour les composants utilisés dans
les réseaux d'évacuation, de branchement et
d'assainissement sous pression hydraulique

Allgemeine Anforderungen an Bauteile von hydraulisch
betriebenen Abwasserdruckleitungen

This European Standard was approved by CEN on 13 December 1998.

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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPAISCHES KOMITEE FÜR NORMUNG

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FOREWORD

This European Standard has been prepared by Technical Committee CEN/TC 165 "Waste water engineering", the secretariat of which 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of an identical text or by endorsement, at the latest by October 1999, and conflicting national standards shall be withdrawn at the latest by October 1999.

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).

This European Standard provides the basis for the preparation or revision of product standards for discharges pipes, drains and sewers operating as hydraulically pressurized systems (see clause 1 "Scope").

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.

1. Scope

This European Standard specifies general requirements for components for use in hydraulically pressurized discharge pipes, drains and sewers.

This European Standard provides the general basis for the preparation or revision of product standards. Some of its provisions may need modification when drafting harmonized European Standards. It is not applicable for evaluation of products.

It is applicable as a reference for drawing up a product specification, if there is no product standard available.

Components covered are pipes, fittings and joints.

This European Standard includes marking, quality control and optional certification requirements.

Components are those used in systems that convey in a satisfactory manner:

- domestic waste water;
- rainwater and surface water;
- other waste waters (e.g. industrial waste water) that will not damage the components.

This European Standard applies equally to components which are factory-made and to those constructed on site, where applicable.

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.

EN 681-1	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 1 : Vulcanized rubber.
prEN 681-2	Elastomeric seals - Material requirements for pipe joint seals used in water and drainage applications - Part 2 : Thermoplastic elastomers.
prEN 805:1996	Water supply - Requirements for systems and components outside buildings
EN ISO 9001:1994	Quality systems - Model for quality assurance in design, development, production, installation and servicing. (ISO 9001 : 1994).
EN ISO 9002:1994	Quality systems - Model for quality assurance in production, installation and servicing. (ISO 9002 : 1994).
EN 45011	General requirements for bodies operating product certification systems (ISO/IEC Guide 65:1996)
EN 45012	General requirements for bodies operating assessment and certification/registration of quality systems (ISO/IEC Guide 62:1996)
ISO 48	Rubber, vulcanized or thermoplastic - Determination of hardness (Hardness between 10 IRHD and 100 IRHD)

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