



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 295-10:2005

ICS 23.040.50

**VITRIFIED CLAY PIPES AND FITTINGS AND
PIPE JOINTS FOR DRAINS AND SEWERS -
PART 10: PERFORMANCE REQUIREMENTS**

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EUROPEAN STANDARD
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English version

**Vitrified clay pipes and fittings and pipe joints for drains and
sewers - Part 10: Performance requirements**

Tuyaux et accessoires en grès et assemblages de tuyaux
pour les réseaux de branchement et d'assainissement -
Partie 10 : Exigences de performance

Steinzeugrohre und Formstücke sowie Rohrverbindungen
für Abwasserleitungen und -kanäle - Teil 10:
Leistungsanforderungen

This European Standard was approved by CEN on 17 January 2005.

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

This document (EN 295-10:2005) 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of an identical text or by endorsement, at the latest by August 2005, and conflicting national standards shall be withdrawn at the latest by December 2006.

This document 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 document.

This document contains only the performance requirements needed to meet the requirements of EU Directive(s). It does not indicate the quality of products. This is specified in the standards series EN 295 for vitrified clay pipes, fittings and pipe joints for drains and sewers, which consists of the following Parts:

- Part 1: Requirements,
- Part 2: Quality control,
- Part 3: Test methods,
- Part 4: Requirements for special fittings, adaptors and compatible accessories,
- Part 5: Requirements for perforated vitrified clay pipes and fittings,
- Part 6: Requirements for vitrified clay manholes,
- Part 7: Requirements for vitrified clay pipes and joints for pipe jacking.

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.

EN 295-10:2005 (E)

1 Scope

This document specifies performance requirements for:

- vitrified clay pipes, fittings and pipe joints as defined in EN 295-1,
- special fittings, adaptors and compatible accessories as defined in EN 295-4,
- perforated vitrified clay pipes and fittings as defined in EN 295-5,
- vitrified clay manholes as defined in EN 295-6,
- vitrified clay pipes and joints for pipe jacking as defined in EN 295-7,

for buried drain or sewer systems for the conveyance of sewage and surface water (including rain water) under gravity or occasionally at low head of pressure. It specifies the evaluation of conformity for the performance requirements of products according to this document.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 295-1:1991, *Vitrified clay pipes and fittings and pipe joints for drains and sewers — Part 1: Requirements.*

EN 295-2:1991, *Vitrified clay pipes and fittings and pipe joints for drains and sewers — Part 2: Quality control*

EN 295-3:1991, *Vitrified clay pipes and fittings and pipe joints for drains and sewers — Part 3: Test methods.*

EN 295-4:1995, *Vitrified clay pipes and fittings and pipe joints for drains and sewers — Part 4: Requirements for special fittings, adaptors and compatible accessories.*

EN 295-5:1994, *Vitrified clay pipes and fittings and pipe joints for drains and sewers — Part 5: Requirements for perforated vitrified clay pipes and fittings.*

EN 295-6:1995, *Vitrified clay pipes and fittings and pipe joints for drains and sewers — Part 6: Requirements for vitrified clay manholes.*

EN 295-7:1995, *Vitrified clay pipes and fittings and pipe joints for drains and sewers — Part 7: Requirements for vitrified clay pipes and joints for pipe jacking.*

EN ISO 9001, *Quality management systems — Requirements (ISO 9001:2000).*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 295-1 to EN 295-7 apply.

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