



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 295-5 : 1994

ICS 23.040.50

**VITRIFIED CLAY PIPES AND FITTINGS AND  
PIPE JOINTS FOR DRAINS AND SEWERS.  
PART 5: REQUIREMENTS FOR  
PERFORATED VITRIFIED CLAY PIPES AND  
FITTINGS**

National Standards  
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**National Standards Authority of Ireland**

AMENDMENT

**I.S. EN 295-5/A1:1999**

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EUROPEAN STANDARD

EN 295-5:1994/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 1999

ICS 23.040.50

Descriptors: water pipelines, sewage, sumps, drainpipes, pipes: tubes, accessories, sandstone products, specifications, dimensions, perforating, crushing strength, flexural strength, designatio

English version

## Vitrified clay pipes and fittings and pipe joints for drains and sewers - Part 5: Requirements for perforated vitrified clay pipes and fittings

Tuyaux et accessoires en grès et assemblages de tuyaux pour les réseaux de branchement et d'assainissement - Partie 5: Exigences pour tuyaux perforés en grès et accessoires

Steinzeugrohre und Formstücke sowie Rohrverbindungen für Abwasserteitungen und -kanäle - Teil 5: Anforderungen an gelochte Rohre und Formstücke

This amendment A1 modifies the European Standard EN 295-5:1994; it was approved by CEN on 24 October 1998.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## Foreword

This Amendment EN 295-5:1994/A1:1999 to EN 295-5:1994 has been prepared by Technical Committee CEN/TC 165 "Waste water engineering", the secretariat of which is held by DIN.

This Amendment to the European Standard EN 295-5:1994 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 1999, and conflicting national standards shall be withdrawn at the latest by July 1999.

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.

### **Amendment to Clause 1 Scope**

Revise the last sentence of first paragraph to :

"Fittings need not be perforated and are specified to either to EN 295-1 or EN 295-5."

### **Amendment to Clause 8 Marking**

Delete 8.1 and insert the following :

#### 8.1 Pipes and fittings

Pipes and fittings shall be marked with:

- EN 295-5 for perforated pipes;
- EN 295-1 for unperforated fittings or EN 295-5 for perforated or unperforated fittings;
- CE marking (to be added after the confirmation of the EC Council Regulation on the use of the CE marking);
- identification symbol of the third party certification body;
- manufacturer's identification;
- date of manufacturing;
- nominal size (DN...).

In addition pipes shall be marked with:

- crushing strength in kilonewtons per metre;
- type (A or B).

This marking shall preferably be impressed before firing, or, if this is not possible, shall be indelibly done after firing on each pipe.

Bends and junctions shall be marked to indicate the angle.

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