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BS EN 295-2:2013



BSI Standards Publication

Vitrified clay pipe systems for drains and sewers

Part 2: Evaluation of conformity and sampling

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BS EN 295-2:2013 BRITISH STANDARD

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This British Standard is the UK implementation of EN 295-2:2013. It supersedes BS EN 295-2:1991 and, together with BS EN 295-1:2013, BS EN 295-4:2013, BS EN 295-5:2013, BS EN 295-6:2013, and BS EN 295-7:2013, it supersedes BS EN 295-10:2005, which is withdrawn.

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

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

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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English Version

Vitrified clay pipe systems for drains and sewers - Part 2: Evaluation of conformity and sampling

Systèmes de tuyaux et accessoires en grès pour les réseaux de branchement et d'assainissement - Partie 2: Evaluation de la conformité et échantillonnage

Steinzeugrohrsysteme für Abwasserleitungen und -kanäle -Teil 2: Bewertung der Konformität und Probenahme

This European Standard was approved by CEN on 1 December 2012.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

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Foreword

This document (EN 295-2:2013) has been prepared by Technical Committee CEN/TC 165 "Wastewater 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 2013, and conflicting national standards shall be withdrawn at the latest by August 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 295-2:1991 and together with EN 295-1:2013, EN 295-4:2013, EN 295-5:2013. EN 295-6:2013 and EN 295-7:2013 it supersedes EN 295-10:2005.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

The main changes with respect to the previous edition are listed below:

- clauses on Evaluation of conformity revised in accordance with the framework given by the CEN Construction sector;
- requirements for the resistance to high pressure water jetting added;
- requirements for water absorption added.

The standard series EN 295 "Vitrified clay pipe systems for drains and sewers" consists of the following parts:

- Part 1: Requirements for pipes, fittings and joints
- Part 2: Evaluation of conformity and sampling (the present document)
- Part 3: Test methods
- Part 4: Requirements for adaptors, connectors and flexible couplings
- Part 5: Requirements for perforated pipes and fittings
- Part 6: Requirements for components of manholes and inspection chambers
- Part 7: Requirements for pipes and joints for pipe jacking

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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1 Scope

This European Standard specifies requirements for the evaluation of conformity of products manufactured from vitrified clay and other materials (referred to as "products") specified in the following standards:

- pipes, fittings and joints according to EN 295-1;
- adapters, connectors and flexible couplings according to EN 295-4;
- perforated pipes and fittings according to EN 295-5;
- components of manholes and inspection chambers according to EN 295-6; and
- pipes and joints for pipe jacking according to EN 295-7.

2 Normative references

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

EN 295-1:2013, Vitrified clay pipe systems for drains and sewers — Part 1: Requirements for pipes, fittings and joints

EN 295-3:2012, Vitrified clay pipe systems for drains and sewers — Part 3: Test methods

EN 295-4:2013, Vitrified clay pipe systems for drains and sewers — Part 4: Requirements for adaptors, connectors and flexible couplings

EN 295-5:2013, Vitrified clay pipe systems for drains and sewers — Part 5: Requirements for perforated pipes and fittings

EN 295-6:2013, Vitrified clay pipes systems for drain and sewers — Part 6: Requirements for components of manholes and inspection chambers

EN 295-7:2013, Vitrified clay pipe systems for drains and sewers — Part 7: Requirements for pipes and joints for pipe jacking

EN 681-1, Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 1: Vulcanized rubber

EN 681-4, Elastomeric seals — Materials requirements for pipe joint seals used in water and drainage applications — Part 4: Cast polyurethane sealing elements

EN ISO 10012, Measurement management systems — Requirements for measurement processes and measuring equipment (ISO 10012)

ISO 2859-1, Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

ISO 3951 (all parts), Sampling procedures for inspection by variables