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SANS 50295-3:1991

Edition 1 and EN amdt 1, nat. amdt 1

EN 295-3:1991

Edition 1 and amdt 1

Any reference to SABS EN 295-3 is deemed
to be a reference to this standard
(Government Notice No. 1373 of 8 November 2002)

SOUTH AFRICAN NATIONAL STANDARD

Vitrified clay pipes and fittings and pipe joints for drains and sewers

Part 3: Test methods

This national standard is the identical implementation of EN 295-3:1991 and EN amendment 1,
and is adopted with the permission of CEN, rue de Stassart 36, B-1050 Brussels.

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Table of changes

Change No.	Date	Scope
EN amdt 1	1998	Amended to update referenced standards, to modify wording in titles and clauses and to insert a new clause on creep resistance of rigid fairing materials.
Nat. amdt	2007	Amended to change the designation from SABS to SANS, with no technical changes.

National foreword

This South African standard was approved by National Committee StanSA TC 5120.61, *Construction standards*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

This SANS document was published in June 2007. This SANS document supersedes SABS EN 295-3:1991 (edition 1).

EUROPEAN STANDARD

EN 295-3:1991/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 1998

ICS 23.040.50

Descriptors: water pipelines, sewage, pipes: tubes, accessories, vitrified clay, tests

English version

Vitrified clay pipes and fittings and pipe joints for drains and sewers - Part 3: Test methods

Tuyaux et accessoires en grès et assemblages de tuyaux
pour les réseaux de branchement et d'assainissement -
Partie 3: Méthode d'essai

Steinzeugrohre und Formstücke sowie Rohrverbindungen
für Abwasserleitungen und Kanäle - Teil 3: Prüfverfahren

This amendment A1 modifies the European Standard EN 295-3:1991; it was approved by CEN on 17 May 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 295-3:1991/A1:1998 to EN 295-3:1991 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 295-3:1991 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 1999, and conflicting national standards shall be withdrawn at the latest by February 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.

Amendments to EN 295-3

1. 1.2 Delete "ISO/R 527 : 1966 - Plastics - Determination of tensile properties".

Insert "ISO 527-2 : 1995 - Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics"
2. Clause 2 1st paragraph. Insert to end of sentence " for up to and including DN 500 and 100 mm for pipes greater than DN 500" .
3. Clause 3 At end of clause delete " $L_T = L_N - 150 \text{ mm}$ "

Insert " $L_T = L_N - 150 \text{ mm} \leq \text{DN } 500$
 $L_T = L_N - 200 \text{ mm} > \text{DN } 500$ "
4. 4.2.1 Insert to end of 2nd paragraph "Bearers shall be located such that they are aligned both longitudinally and transversely."
5. Clause 9 Insert in 2nd line after "pipes" ", bends, junctions".

Delete 1st sentence of 2nd paragraph. Insert as first sentence "The specimen(s) shall be clamped into a suitable apparatus to test the watertightness (of the specimens)."

Delete in 3rd paragraph 4th line "pipe".
6. Clause 13 Delete title "Impermeability test for fittings"
Insert "13 Airtightness test"

13.1 Delete 13.1.

13.2 Delete title "13.2 Air pressure test"

Delete in 1st paragraph 1st line "fitting". Insert "pipe, bend, junction"

Delete in 1st paragraph 8th line "100 mm water gauge". Insert "the required initial pressure".

Delete in 1st paragraph 10th line "100 mm water gauge". Insert "the required initial pressure".
7. Clause 14 Delete the whole text

Insert "Vulcanized rubber shall be tested in accordance with ISO 1431-1"
8. 15.7 Delete in second line " $(10 \pm 1) ^\circ\text{C}$ "
Insert " $(-10 \pm 1) ^\circ\text{C}$ "