

საქართველოს სტანდარტი

ტუალეტის და პისუარის ჩასარეცხი ავზები

საქართველოს სტანდარტებისა და მეტროლოგიის
ეროვნული სააგენტო
თბილისი

საინფორმაციო მონაცემები

1 შემუშავებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს სტანდარტების დეპარტამენტის მიერ

2 დამტკიცებულია და შემოღებულია სამოქმედოდ საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს 2018 წლის 29 აგვისტოს № 86 განკარგულებით

3 მიღებულია გარეკანის თარგმნის მეთოდით სტანდარტიზაციის ევროპული კომიტეტის სტანდარტი ენ 14055:2010 „ტუალეტის და პისუარის ჩასარეცხი ავზები“

4 პირველად

5 რეგისტრირებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2018 წლის 29 აგვისტო №268-1.3-013998

აკრძალულია ამ სტანდარტის გადაცემა მესამე პირებისათვის ან/და მისი სხვა ფორმით გავრცელება

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.

ICS 91.140.70

English Version

WC and urinal flushing cisterns

Réservoirs de chasse d'eau pour WC et urinoirs

Spülkästen für WC-Becken und Urinale

This European Standard was approved by CEN on 16 October 2010.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....4

1 Scope5

2 Normative references5

3 Terms and definitions5

4 Classification.....8

5 Requirements and test methods for class 1 products.....8

5.1 Design8

5.1.1 Flushing cistern equipment.....8

5.1.2 Water supply connection9

5.1.3 Supply piping9

5.1.4 Removable parts9

5.1.5 Connecting dimensions9

5.1.6 Flush pipes10

5.2 Hydraulic and mechanical characteristics13

5.2.1 Flush volume.....13

5.2.2 Water-saving devices14

5.2.3 Flush rate and impact force14

5.2.4 Overflow.....15

5.2.5 Inlet valve opening characteristics for water saving flushing16

5.2.6 Safety margin – Dimension “c”16

5.2.7 Backflow prevention, air gap, safety margin – Dimension “a”17

5.2.8 Outlet valve leaktightness17

5.2.9 Outlet valve reliability.....17

5.2.10 Operating force17

5.2.11 Durability17

5.3 Test methods.....18

5.3.1 General.....18

5.3.2 Flush volume.....18

5.3.3 Flush rate19

5.3.4 Determination of the overflow capacity.....23

5.3.5 Inlet valve opening characteristics24

5.3.6 Determination of dimension “c”24

5.3.7 Determination of dimension “a”24

5.3.8 Outlet valve leak tightness24

5.3.9 Outlet valve reliability test24

5.3.10 Operating force25

5.3.11 Impact force.....26

6 Functional requirements and test methods for class 2 products30

6.1 Inlet valve.....30

6.2 Backflow prevention.....30

6.3 Marking of flushing cistern.....30

6.4 Warning pipe and overflow provision.....30

6.5 Flush volume.....30

6.5.1 Full flush30

6.5.2 Reduced flush30

6.6 Flush rate31

6.7 Physical endurance and leakage of flushing device.....31

6.8 Chemical endurance of flushing device31

6.9 Durability31

საინფორმაციო ნაწილი. სრული ტექსტის სახსრავად შეიძინეთ სტანდარტი.

6.10	Test methods	31
6.10.1	Inlet valve tests	31
6.10.2	Warning pipe and overflow provisions	32
6.10.3	Flush volume test	32
6.10.4	Flush rate test	33
6.10.5	Physical endurance and leakage test of flushing device	34
6.10.6	Chemical endurance test of flushing device	35
6.10.7	Requirements for compatibility testing of class 2 products	35
7	Requirements and test methods for class 3 products	36
7.1	Requirements and test methods	36
7.2	Adjustment	36
8	Acoustic characteristics	36
9	Dangerous substances	36
10	Marking and product designation	36
11	Evaluation of conformity	37
11.1	General	37
11.2	Type testing	37
11.2.1	Initial type testing	37
11.2.2	Further type testing	38
11.2.3	Sample, testing and compliance criteria	38
11.3	Factory production control	39
11.3.1	General	39
11.3.2	Testing equipment	39
11.3.3	Raw materials and components	39
11.3.4	Product testing and assessment	39
11.3.5	Non-conforming products	39
Annex ZA (informative)	Clauses of this European Standard addressing the provisions of the EU Construction Products Directive	40
ZA.1	Scope and relevant characteristic	40
ZA.2	Procedure for attestation of conformity of WC and urinal flushing cisterns	41
ZA.2.1	System of attestation of conformity	41
ZA.2.2	Declaration of conformity	42
ZA.3	CE marking and labelling	42
Bibliography	44

Foreword

This document (EN 14055:2010) has been prepared by Technical Committee CEN/TC 163 “Sanitary appliances”, the secretariat of which is held by UNI.

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 May 2011, and conflicting national standards shall be withdrawn at the latest by August 2012.

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 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.

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

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.