

STN	Keramické sanitárne zariadenie predmety. Posudzovanie udržateľnosti.	STN EN 16578 91 4130
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Ceramics sanitary appliances - Sustainability assessment

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/16

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English Version

Ceramics sanitary appliances - Sustainability assessmentAppareils sanitaires en céramique - Evaluation de
durabilitéKeramische Sanitärausstattungsgegenstände -
Beurteilung der Nachhaltigkeit

This European Standard was approved by CEN on 13 December 2015.

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European foreword

This document (EN 16578:2016) 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of an identical text or by endorsement, at the latest by August 2016, and conflicting national standards shall be withdrawn at the latest by August 2016.

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 supports the unified approach for the assessment of sustainability of ceramic sanitary appliances, i.e. WC pans and WC suites, urinals, wash basins, bidets and communal washing troughs, in the light of the document CPR 06/10/1 of European Commission - Enterprise and Industry - Sustainable Industrial Policy and Construction.

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, 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.

Introduction

This European Standard supports the (harmonized) European Standards on ceramic sanitary appliances elaborated by CEN/TC 163 on assessing the sustainability for these products.

This European Standard provides a system for sustainability assessment of ceramic sanitary appliances using a life cycle approach, featuring qualitative and quantitative indicators for ecologic, economic and social performance of sanitary ceramic appliances. The purpose of this European Standard is to provide requirements and classification values for the assessment of the sustainability of ceramic sanitary appliances.

Selected parameters assessed in accordance with this standard represent the main parameters defined in EN 15804. This European Standard may be used to support environmental building assessment and environmental product declarations (EPDs).

The structure and the parameters of EN 15804 mandatory requirements from information modules A1 to A3 - are used as a basis for the ecological criteria of this European Standard.

A system with sustainability classes has been introduced to express the performance of ceramic sanitary appliances. The link between these classes and the assessment of the products form a framework of evaluation schemes.

Evaluation schemes enable the comparison of different ceramic sanitary appliances.

NOTE EPDs based on EN 15804 are not comparative assertions (see EN 15804:2012+A1:2013, 5.1). These EPDs are necessary for environmental assessment of building only.

1 Scope

This European Standard specifies sustainability requirements together with assessment methods and evaluation schemes for ceramic sanitary appliances, i.e. WC pans and WC suites in accordance with EN 997, urinals in accordance with EN 13407, wash basins in accordance with EN 14688, communal washing troughs in accordance with EN 14296 and bidets in accordance with EN 14528.

NOTE This European Standard may be applicable to other ceramic sanitary appliances.

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 997, *WC pans and WC suites with integral trap*

EN 12056 (all parts), *Gravity drainage systems inside buildings*

EN 13407, *Wall-hung urinals - Functional requirements and test methods*

EN 14296, *Sanitary appliances - Communal washing troughs*

EN 14528, *Bidets - Functional requirements and test methods*

EN 14688, *Sanitary appliances - Wash basins - Functional requirements and test methods*

koniec náhl'adu – text ďalej pokračuje v platenej verzii STN