



BSI Standards Publication

Sanitary appliances – Drainage systems for the application of sanitary appliances

National foreword

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Sanitary appliances - Drainage systems for the application of sanitary appliances

Appareils sanitaires - Systèmes d'évacuation pour
l'application des appareils sanitaires

Sanitärausstattungsgegenstände -
Entwässerungssysteme für den Einsatz von
Sanitärausstattungsgegenstände

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European foreword

This document (CEN/TR 17426:2019) has been prepared by Technical Committee CEN/TC 163 “Sanitary appliances”, the secretariat of which is held by UNI.

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Introduction

Sewerage disposal is a very important task of building services engineering because of hygienic reasons.

The piping must drain waste water and rain water out of the building and lead it away from the building safely. Blockages must be avoided by proper design of the drainage system as well as the use of the appropriate selection of the sanitary appliances.

On one hand, harmonized European standards exist for a lot of sanitary appliances to be installed as a part of the drainage system. On the other hand, some links and requirements disappeared or went out of sight during the phase of harmonization.

This paper should close this gap and gives additional information on application conditions for sanitary appliances to avoid malfunction of the drainage system.

It is not intended to give guidance on the system standards like EN 12056.

1 Scope

This document describes the installation rules that must be followed to ensure proper functioning of the drainage system depending on the specified performance of the sanitary appliances.

These performance characteristics of sanitary appliances (defined in the harmonized standards EN 997, EN 13407, EN 14688, EN 14528 and EN 14527) are explained and brought into line with the application rules of standard series EN 12056.

According to Regulation (EU) 305/2011, legally binding information on building requirements must be provided by the National Product Information Point. Therefore, additional national requirements are mentioned informatively where information is available.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

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

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

EN 14527, *Shower trays for domestic purposes*

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

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

EN 1717, *Protection against pollution of potable water in water installations and general requirements of devices to prevent pollution by backflow*

EN 274 (all parts), *Waste fittings for sanitary appliances*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp>

— IEC Electropedia: available at <https://www.electropedia.org/>

4 Drinking water installation

When choosing sanitary appliances, the rules for drinking water protection have to be taken into account as well. Such rules are defined, e.g. in EN 1717 and the corresponding product standards in case the product is concerned. Guidance will be given in this document.

Special aspects of national legislation have to be taken into account.