

## Shower trays - Connecting dimensions

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 251:2012 sisaldab Euroopa standardi EN 251:2012 ingliskeelset teksti.	This Estonian standard EVS-EN 251:2012 consists of the English text of the European standard EN 251:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

## Shower trays - Connecting dimensions

Receveurs de douche - Cotes de raccordement

Duschwannen - Anschlussmaße

This European Standard was approved by CEN on 18 August 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 251:2012) 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of an identical text or by endorsement, at the latest by April 2013, and conflicting national standards shall be withdrawn at the latest by April 2013.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 251:2003.

The main change to the document from the previous one is to include more defined information for the waste control gauges shown in the Appendix A.1

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.

## 1 Scope

This European Standard specifies requirements for the connecting dimensions for shower trays, regardless of the material used for their manufacture.

This European Standard applies to shower trays used for domestic purposes and complements the standards for shower trays made from different materials, the existing standard on waste fittings (EN 274-1) in terms of their dimensional requirements.

**NOTE** Only dimensions are compulsory. The shape of the appliance in the figures is for illustration only; it in no way prejudices the shape of the appliance which is left to the initiative of the manufacturer.

## 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 274-1, *Waste fittings for sanitary appliances — Part 1: Requirements*

## 3 Connecting dimensions

### 3.1 Basic dimensions

The basic dimensions  $H$ ,  $a$ ,  $H_1$  and  $h_1$  shall comply with those given in Table 1 to enable compatibility with waste fittings in accordance with EN 274-1 (see also Annex A).

**Table 1 — Basic dimensions (see Figure 1)**

Designation	Symbol	Values mm	Remarks
Vertical distance between the axis of the overflow hole, if provided, and the plane of the waste outlet hole	$H$	165 to 260	
Horizontal distance between the axis of the waste outlet hole and the axis of the overflow hole, if provided	$a$	110 to 170	Standard type waste fitting in accordance with EN 274-1
		$\geq 170$	With a waste fitting specified or provided by the manufacturer
Distance between the floor and the plane of the waste outlet hole measured at the centre line of the waste outlet hole	$h_1$ <sup>1)</sup>	$\geq 130$	For all shower trays with overflow
		$\geq 85$	For all shower trays
Distance between the axis of the overflow hole, if provided, and the spillover	$H_1$	$\geq 60$	

<sup>1)</sup> Only applicable when the trap is to be accommodated above the finished floor.