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BS EN 31:2011+A1:2014



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Wash basins — Connecting dimensions

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English Version

Wash basins - Connecting dimensions

Lavabos - Cotes de raccordement

Waschbecken - Anschlussmaße

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Foreword

This document (EN 31:2011+A1:2014) 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of an identical text or by endorsement, at the latest by October 2014, and conflicting national standards shall be withdrawn at the latest by October 2014.

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.

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This document includes Amendment 1 approved by CEN on 2014-03-10.

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1 Scope

This European Standard specifies the connecting dimensions of wash basins in accordance with EN 14688 regardless of materials used for their manufacture.

NOTE 1 Other connecting dimensions are permitted, e.g. special designs of wash basins, if the manufacturer supplies or recommends the appropriate fitting.

NOTE 2 The shape of the appliance in the figures is for illustration only; it in no way prejudices the final shape of the appliance, which is left to the initiative of the manufacturer.

2 Normative references

The following referenced documents are indispensable for the application 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 14688, *Sanitary appliances - Wash basins - Functional requirements and test methods*

3 Tap holes

3.1 General

The connecting dimensions for tap holes are requirements for wash basins where it is intended to fit a tap.

3.2 Connecting dimensions of wash basins with one central tap hole

The connecting dimensions of wash basins with one central tap hole shall comply with Table 1.

Table 1 — Connecting dimensions of wash basins with one central tap hole (Figure 1)

Designation	Symbol	Dimensions mm
Diameter of the central tap hole (intended to accommodate a mixer tap)	d_2^a	35^{+2}_{-1}
Horizontal distance between the centre line of the central tap hole and the edge of the bowl	g_1	≤ 80
Distance from the centre line of the central tap hole to the back wall	g_3	≥ 55
Radius of a cylinder having the same centre line as the central tap hole at a depth 0 mm to 5 mm from the lower plane of the central tap hole	r_1	≥ 25
Radius of a cylinder having the same centre line as the central tap hole at a depth of minimum 5 mm from the lower plane of the central tap hole	r_2	≥ 30
Radius of a flat plane circular surface on the tap platform having the same centre as the central tap hole and intended to accommodate the tap	r_3	≥ 32