

Metal sinks for domestic purposes —

Part 1: Imperial units with metric equivalents

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The Sanitary Appliances Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives of the following Government departments and scientific and industrial organizations:

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- British Bath Manufacturers' Association
- British Ironfounders' Association*
- British Plastics Federation
- British Sanitary Earthenware Manufacturers' Association*
- British Sanitary Fireclay Association*
- British Waterworks Association*
- D.S.I.R. Building Research Station*
- Flushing Cistern Makers' Association*
- Institute of Plumbers*
- Institution of Municipal Engineers*
- Institution of Public Health Engineers*
- London County Council*
- Metal Sink Manufacturers' Association*
- Ministry of Housing and Local Government*
- Ministry of Works*
- National Brassfoundry Association
- National Federation of Building Trades Employers
- National General Export Merchants Group
- Royal Institute of British Architects*
- Royal Institution of Chartered Surveyors
- Royal Society for the Promotion of Health*
- Sanitary Inspectors' Association*
- Scottish Federation of Plumbers and Domestic Engineers (Employers) Associations
- Water Companies Association

The Government departments and scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- British Iron and Steel Federation
- County Architects' Society
- Distributors of Building Supplies joint Council
- Good Housekeeping Institute
- Institute of Vitreous Enamellers
- Ministry of Education
- Society of Housing Managers

This British Standard, having been approved by the Sanitary Appliances Industry Standards Committee and endorsed by the Chairman of the Building Divisional Council, was published under the authority of the General Council on 28 August 1956

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Foreword

This standard makes reference the following British Standards:

BS 350, *Conversion factors and tables*.

BS 1010, *Draw-off taps and stopvalves for water services (screw down pattern)*.

BS 1344, *Methods of testing vitreous enamel finishes*.

BS 1449, *Steel plate, sheet and strip*.

BS 1452, *Grey iron castings*.

BS 3380, *Wastes for sanitary appliances and overflows for baths — Part 1: Wastes (excluding skeleton sink wastes) and bath overflows*.

This British Standard, issued under the authority of the Sanitary Appliances Industry Standards Committee, specifies a range of metal sinks, with draining boards, suitable for domestic use, and has been revised in the light of present day practice.

The plumbing dimensions of the sinks have been arranged to enable British Standard taps, waste fittings and other components to be used for the plumbing, and the overall dimensions are such as to allow of alignment in conformity with other items of kitchen equipment. Modifications have been made in the sizes and types of sink. Some additional requirements have been inserted in respect of materials and finish. This standard will be reconsidered or proposed for withdrawal when BS 1195:1972, Part 1, *Imperial units with metric equivalents is also re-considered for revision or withdrawal, in 3/5 years time*. Attention is drawn to BS 1244:1972, Part 2, *Metric units*.

NOTE Where metric equivalents have been given the figures in British units are to be regarded as the standard. The metric conversions are approximate. More accurate conversions should be based on the tables in BS 350, “*Conversion factors and tables*”.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope

This British Standard deals with metal sinks of the types detailed in Clause 3, and manufactured from the materials described in Clause 4. It also gives appropriate finishes.

2 Definition

enamel

for the purposes of this British Standard the term “enamel” shall mean vitreous porcelain enamel applied either by the “wet” or “dry” process

3 Types

Metal sinks shall be of the following types:

Type B. A combined sink and draining board with back ledge, as shown in Figure 2.

Type D. A combined sink and two draining boards with back ledge, as shown in Figure 4.

Type E. A combined round bowl sink and draining board as shown in Figure 7.

Type F. A combined round bowl sink and draining boards as shown in Figure 8.

4 Materials

Metal sinks shall be manufactured from one of the following materials:

- a) Cast iron, enamelled.
- b) Pressed steel, enamelled.
- c) Stainless steel.

The purchaser shall state the material when ordering.

5 Quality of materials

The materials specified in Clause 4 shall comply with the following requirements as to quality:

- a) Cast iron shall be re-melted soft tough grey iron of a suitable mixture, and of a quality not less than grade 10 as specified in BS 1452, “*Grey iron castings*”. The minimum thickness of the finished casting shall be $\frac{3}{16}$ in. (4.76 mm).
- b) Pressed steel shall be first quality enamelling steel of a minimum thickness of 0.0625 in. (16 B.G.) (1.59 mm), which shall be free from laminations, surface cracks and drawing fractures. Folded corners shall be welded.
- c) Stainless steel shall be either En 58 A of BS 1449, “*Steel plate, sheet and strip*”, or a composition of 5 per cent nickel, 18 percent chromium, 8 percent manganese and of a minimum thickness of 0.036 in. (20 S.W.G.) (0.91 mm).

6 Dimensions

- a) *Overall dimensions*. The overall dimensions of the various types set out in Clause 3 shall be as follows:

Type B.	42 in. (1.07 m) overall length × 21 in. (0.53 m) overall width	Tolerance + $\frac{1}{8}$ in. (3 mm) – $\frac{1}{4}$ in. (6 mm)
Type D.	63 in. (1.6 m) overall length × 21 in. (0.53 m) overall width	
Type E.	42 in. (1.07 m) overall length × 21 in. (0.53 m) overall width	
Type F.	63 in. (1.6 m) overall length × 21 in. (0.53 m) overall width	