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Specification for

Storage cisterns up to 500 L actual capacity for water supply for domestic purposes

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Building Services Standards Policy Committee (SEB/-) to Technical Committee SEB/41, upon which the following bodies were represented:

- British Constructional Steelwork Association Ltd.
- British Non-Ferrous Metals Federation
- British Plumbing Fittings Manufacturers' Association
- Builders Merchants Federation
- Building Employers Confederation
- Chartered Institution of Building Services Engineers
- Department of the Environment (Property Services Agency)
- Fibre Cement Manufacturers' Association Limited
- Galvanizers Association
- Heating and Ventilating Contractors' Association
- Institute of Plumbing
- Institution of Water and Environmental Management (IWEM)
- Insulation Jacket Manufacturers' Association
- National Association of Plumbing, Heating and Mechanical Services Contractors
- National GRP Construction Federation
- Plastic Tanks and Cisterns Manufacturers' Association
- Royal Institute of British Architects
- Water Authorities Association
- Water Companies Association
- Zinc Development Association

This British Standard, having been prepared under the direction of the Building Services Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 28 February 1990

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The following BSI references relate to the work on this standard:
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Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
1 Scope	1
2 Definitions	1
3 General	1
4 Materials	1
5 Design and Construction	1
6 Testing	2
7 Marking	2
Appendix A Information to be supplied by the purchaser	3
Appendix B Method of test for assessment of ingress of particles and insects	3
Appendix C Method of test for performance of thermal insulation	4
Figure 1 — Typical installation for particle ingress test	3
Figure 2 — Typical installation for thermal insulation test	5
Publications referred to	Inside back cover

Foreword

This British Standard has been prepared under the direction of the Building Services Standards Policy Committee as a result of proposals made by the former National Water Council (now the Water Authorities Association and the Water Companies Association) and cistern manufacturers, following publication of the European Community Directive on Water for Human Consumption, which implied that water from any domestic draw-off point should be of drinking water quality.

The New Model Water Byelaws published in June 1986 require detailed provisions to safeguard the integrity of stored water for domestic purposes. This standard specifies additional performance requirements for cisterns and associated fittings to assist in safeguarding against waste and contamination. The fittings include cistern covers, screen air inlets, screened warning pipe and vent pipe entry devices. This standard also deals with insulation to safeguard cisterns against freezing or warming termination assemblies and it provides methods of test for the assessment of the ingress of particles and insects and for the performance of thermal insulation.

This standard is applicable to all cisterns up to 500 L actual capacity from which water is drawn for domestic purposes. BS 7181 can be used by purchasers, specifiers and Water Byelaw/Regulation organisations in addition to the basic product specifications, e.g. BS 417 and BS 4213. Where used the requirements of this standard take precedence over those in the product standard.

Product certification. Users of this British Standard are advised to consider the desirability of third part certification of product conformity with this British Standard based on testing and continuing surveillance, which may be coupled with assessment of a supplier's quality systems against the appropriate Part of BS 5750.

Enquiries as to the availability of third party certification schemes will be forwarded by BSI to the Association of Certification Bodies. If a third party certification scheme does not already exist, users should consider approaching an appropriate body from the list of Association members.

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.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover 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.