

Building construction — Expression of users' requirements —

Part 3: Acoustical requirements

UDC 69.004.2-533:699.844

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Technical Sector Board for Building and Civil Engineering (B/-) to Technical Committee B/500, upon which the following bodies were represented:

- Building Employers' Confederation
- Consumer Policy Committee of BSI
- Convention of Scottish Local Authorities
- Department of Education and Science
- Department of the Environment
- Department of the Environment (Building Research Establishment)
- Incorporated Association of Architects and Surveyors
- Meteorological Office
- National Building Specification Ltd.
- National Council of Building Material Producers
- National House-Building Council
- Royal Institute of British Architects
- Society of Chief Architects of Local Authorities

This British Standard, having been prepared under the direction of the Technical Sector Board for Building and Civil Engineering, was published under the authority of the Standards Board and comes into effect on 15 March 1993

© BSI 08-1999

The following BSI references relate to the work on this standard:
Committee reference B/500
Draft for comment 89/16304 DC

ISBN 0 580 21646 2

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Introduction	1
1 Scope	1
2 Normative references	1
3 Users' objectives	2
4 Parameters for expressing users' requirements	2
5 Factors affecting the choice of criteria	2
Annex A (informative) Bibliography	6
Table 1 — Parameters	3
Table 2 — Factors affecting criteria	5
List of references	Inside back cover

National foreword

This Part of BS 7643 has been prepared under the direction of Technical Committee B/500, Basic data, and is identical with ISO 6242-3:1992 *Building construction — Expression of users' requirements — Part 3: Acoustical requirements*, published by the International Organization for Standardization (ISO).

ISO 6242-3 was prepared by Subcommittee 3, Functional/user requirements and performance in building construction, with the active participation and approval of the United Kingdom.

Cross-references

International Standard	Corresponding British Standard
	BS 2750 <i>Measurement of sound insulation in buildings and of building elements</i>
ISO 140-3:1978	Part 3:1980 <i>Laboratory measurements of airborne sound insulation of building elements</i> (Identical)
ISO 140-4:1978	Part 4:1980 <i>Field measurements of airborne sound insulation between rooms</i> (Identical)
ISO 140-5:1978	Part 5:1980 <i>Field measurements of airborne sound insulation of facade elements and facades</i> (Identical)
ISO 140-6:1978	Part 6:1980 <i>Laboratory measurements of impact sound insulation of floors</i> (Identical)
ISO 140-7:1978	Part 7:1980 <i>Field measurements of impact sound insulation of floors</i> (Identical)
ISO 140-8:1978	Part 8:1980 <i>Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a standard floor</i> (Identical)
ISO 140-9:1985	Part 9:1987 <i>Method for laboratory measurement of room-to-room airborne sound insulation of a suspended ceiling with a plenum above it</i> (Identical)
	BS 5821 <i>Methods for rating the sound insulation in buildings and of building elements</i>
ISO 717-1:1982	Part 1:1984 <i>Method for rating the airborne sound insulation in buildings and of interior building elements</i> (Identical)
ISO 717-2:1982	Part 2:1984 <i>Method for rating the impact sound insulation</i> (Identical)
ISO 717-3:1982	Part 3:1984 <i>Method for rating the airborne sound insulation of façade elements and façades</i> (Identical)

International Standard	Corresponding British Standard
ISO 1996-1:1982	BS 7445 <i>Description and measurement of environmental noise</i> Part 1:1991 <i>Guide to quantities and procedures</i> (Identical)
ISO 3382:1975	BS 5363:1976 <i>Method for measurement of reverberation time in auditoria</i> (Identical)
IEC 651:1979	BS 5969:1981 <i>Specification for sound level meters</i> (Identical)
IEC 804:1985	BS 6698:1986 <i>Specification for integrating-averaging sound level meters</i> (Identical)

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 to iv, 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.