This Standard is confirmed. See the BSI Catalogue for details. December 1998

British Standard Specification for Modular coordination in building

Coordination modulaire dans le bâtiment - Spécifications

Modulordnung im Bauwesen

Confirmed January 2011



Foreword

BS 6750 was prepared under the direction of the Basic Data and Performance Criteria for Civil Engineering and Building Structures Standards Committee.

International and British Standards have been published to cover the specification of sizes for buildings, their components and materials, the system of tolerances for building and the requirements for joints and jointing in the design, manufacture and assembly of buildings.

This British Standard is a combination of, and is technically equivalent to, ISO 1006, ISO 1040, ISO 2848, ISO 6511, ISO 6512, ISO 6513, and ISO 6514, but incorporates minor differences in presentation. The 'Specification' clauses of these ISO standards have been incorporated into the clauses of this standard. The 'Application' clauses of these ISO standards have been incorporated into the appendix.

BS 6750 also takes into account ISO 1790, ISO 1791, ISO 1803, ISO 2444, ISO 2445, ISO 2776, ISO 2777, ISO 3443/1 and ISO 3443/2.

BS 4011, BS 4330, DD 51, PD 6432 and PD 6444 are withdrawn.

Further information on the subject can be found in CIB Report No. 68 – 1984, The Principles of Modular Coordination in Building, and CIB Report No. 36 – 1980, Some Notes on Geometry of Joints for Catalogue Building^{*}.

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

This is a preview. Click here to purchase the full publication.

^{*} Obtainable from the International Council for Building Research Studies and Documentation, PO Box 20704, 3001 JA, Rotterdam,

Page

Contents

P	age			
Foreword Inside front co Committees responsible Back co				
Specification				
 0 Introduction 1 Scope 2 Definitions 3 Basic module 4 Multimodules 5 Submodular increments 6 Modular sizes for coordinating dimensions of spaces 7 Modular reference system 	2 2 2 3 3 3 3 3			
8 Modular grids	3			
9 Key reference planes	4 4			
10 Modular floor plane11 Storey heights and room heights	4 6			
 Appendix A Guidance Tables 1 Preferred modular sizes based upon the multimodules for horizontal and vertical 	7			
dimensions	3			
2 Modular sizes for horizontal coordinating dimensions of spaces3 Modular sizes for vertical coordinating	3			
dimensions of spaces	4			
 4 Presentation of sizes in manufacturers' technical literature 5 Presentation of sizes in building designers' 	18			
specifications	18			
Figures 1 Basic module spacegrid 2 Examples of modular grids for specific purposes	4			
directly related to the basic module grid	5			
3 Positions for the modular floor plane4 Position for the modular floor plane	5 5			

5	Positions of the structure in relation to the	
	modular storey height and floor plane	6
6	Face and axial disciplines	7
7	Plans of external wall with 1 M columns	8
8	Plans of external wall with 2 M columns	9
9	Plan of external wall with 3 M columns	9
10	Plans of external walls with non-modular	
	columns: effect on other components	10
11	Examples of finished faces of partitions	
	defined by modular planes	10
12	Example of finished faces of partition not	
	coinciding with modular planes	11
13	Assembly of modular fitment in non-modular	
	space	11
14	Non-modular zone	11
15	Key reference planes for floors, ceilings and	
	roofs	12
16	Key dimensions at changes of level	12
17	Positions for the modular floor plane	12
18	Positions of the structure in relation to the	
	modular storey height and floor plane	12
19	Use of 75 mm brickwork courses with	
	100 mm reference system	13
20	Modular size = work size + joint	14
21	Plan of a building showing a use of	
	multimodules to relate structure and cladding	15
22	Combination of 3 M and 4 M components to	
	fill every modular space from 6 M upwards	16
23	Relationship of joint reference planes to	
	modular reference planes	16
24	Relationship between the modular size, and	
	the work size and joint gap width (showing	
	that the joint gap width is twice the joint	
	margin)	17
25	Open and closed arrows	17
	Running dimensions	17
	Reference lines and centre lines	17
Ind	ex	19