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CEYLON STANDARD 132 : 1972

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**CEYLON STANDARD SPECIFICA-
TION FOR CLASSIFICATION OF
BUILDING COMPONENTS FOR
DIMENSIONAL CO-ORDINATION**

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BUREAU OF CEYLON STANDARDS

**CEYLON STANDARD SPECIFICATION FOR
CLASSIFICATION OF BUILDING
COMPONENTS FOR DIMENSIONAL
CO-ORDINATION**

C.S. 132 : 1972

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CEYLON STANDARD

CLASSIFICATION OF BUILDING COMPONENTS FOR DIMENSIONAL CO-ORDINATION

FOREWORD

This Ceylon Standard was prepared by the Committee on Modular (Dimensional) Co-ordination under the authority of the Civil Engineering Divisional Committee of the Bureau of Ceylon Standards and was approved for publication by the Council on 1972-03-29.

In the preparation of this standard considerable assistance was derived from B.S. P.D. 6432 Part I, 1969.

SCOPE

Components which are commonly met with in the building industry are classified into the following functional element groups.

Functional Element Group	1—	Structural
" " "	2—	External envelope and External openings
" " "	3—	Non-load bearing partitions and Internal openings
" " "	4—	Finishes and Fittings
" " "	5—	Services, Gas, Water Supply, Electricity, Wash disposal etc.

The components in the above groups are graded into three categories A, B, C, which are in decreasing order of priority for dimensional co-ordination.

The notation used to define the dimensions is as follows:

L & W refer to the major and minor dimensions on plan in the final location of the components. The third dimension is referred to as Height (H).

Functional Group 1. Structural

Component	Grading	Length	Width	Height	Cross reference to other functional element group
Blocks	B	L	W	H	3
Bricks	C	L	W	H	3
Concrete Formwork :	C	L	W	H	
: Columns & Mullions (Hollow block) Floors	B	L	W	H	
: Load Bearing Walls	C	L	W	H	
: Ramps	B	L	W	H	
: Roofs	B	L	W	H	
: Structural Floor & Roof Beams	A	L	W	H	
Decking (Roofing)	C	L	W	H	2
Landings	C	L	W	H	
Lintels	A	L	W	H	
Section :	A	L	W	H	
: Common Rafters	A	L	W	H	
: Joists : (Floor)	A	L	W	H	
: Joists : (Roof)	A	L	W	H	
: Purlins	A	L	W	H	
Treads	B	L	W	H	
Treads Riser (Combined) (Staircases)	B	L	W	H	
Wall Panels : Preformed (Structural)	B	L	W	H	

Functional Group 2. External Envelope and External Openings

Component	Grading	Length	Width	Height	Cross reference to other functional element groups
Decking : Roofing	C	L	W		I
Panels : Infill & Under Sill	B	L	W		
Roof Lights	C	L	W		
Sections : Mullion	C	L	W		
Sections : Transom & Sill	C	L	W		
Sheets : Corrugated/Troughed (Roofs)	B	L	W		
Sheets : Corrugated/Troughed (Walls)	B	L	W		
Sills	B	L			
Windows	B	L		H	

Functional Element Group 3. Non Load-Bearing Partitions and Internal Openings

Component	Grading	Length	Width	Height	Cross reference to other functional element groups
Blocks	B	L	W	H	I
Bricks	C	L	W	H	
Door : Heads	A	L		H	I
: Jambes	A			H	
: Leaves	A	L	W	H	
Louvers	B			H	
Partitioning System	A				
Window : Head & Sill	A	L			H
: Jamb & Mullion	A	L			
: Sashes	C	L	W		

Functional Element Group 4. Finishes and Fittings

Component	Grading	Length	Width	Height	Gross reference to other functional element groups
Copings	B	L			
Sheets : Facing and Surfacing	B				
Slabs : Facing and Surfacing	B	L	W		
Tiles : (Floor, Ceiling, Walls)	A	L	W		

Functional Element Group 5. Services—Gas, Water Supply, Electricity, Waste Disposal etc.

Component	Grading	Length	Width	Height	Gross reference to other functional element group
Access Covers (Floor)	A	L	W		
Cable Entry Boards & Boxes (Electrical)	B	L	W	H	
Calorifiers (Water)	C			H	
Combination Hot Water Storage Units	C	L	W	H	
Ducts (Electrical Wiring)	C		W	H	
Fittings : Inset—Lighting	B	L	W		
Grease Interceptors (Drainage Systems)	C	L	W		
Gullies and Interceptors	B	L	W		
Hydrants : Wall	C	L	W	H	
Meters (Gas)	C	L	W		
Water Storage (Heaters) : (Electric, Domestic)	C	L	W	H	

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The principal objects of the Institution as set out in the Act are to prepare standards and promote their adoption, to provide facilities for examination and testing of products, to operate a Certification Marks Scheme, to certify the quality of products meant for local consumption or exports and to promote standardization and quality control by educational, consultancy and research activity.

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