

Govt. of India
Directorate General of Works
Central Public Works Department
(Technology Application and Specification Unit)
Nirman Bhawan, New Delhi

No: 120/S&S/Standardisation of Doors & Windows/62

Dated: 14/3/2006

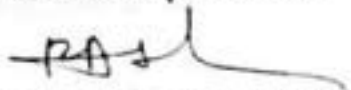
OFFICE MEMORANDUM

Hitherto, the practice has been to provide doors & windows in buildings as per architectural drawings, specially prepared for those building works. The practice leads to adoption of various sizes and uniformity is not observed. In such a situation, difficulty is experienced either in leaving opening sizes or in manufacturing of doors & windows or both.

With a view to obviate these difficulties, the Committee on Standardization of Doors & Windows Sizes for Residential Buildings, consisting of experts from CPWD, Confederation of Construction Products and Services (CCPS) and Indian Buildings Congress (IBC) have worked towards standardization and submitted a report to MoUD for acceptance. The MoUD has accepted part of the report comprising the standard sizes of door shutters and window opening. The recommended door shutters sizes and windows opening sizes are indicated in attached Table I & II.

It should be ensured that, henceforth, the standard door shutters & windows sizes for residential buildings shall be followed in the Department.

Encl: As above (2 pages)


Superintending Engineer (TAS)

To

1. All ADGs, CPWD /Engineer – in-Chief (PWD), GNCTD.
2. All Chief Engineers (C) / (Elect) CPWD/PWD, GNCTD.
3. All Superintending Engineers (C)/(E) CPWD /PWD, GNCTD
4. All Executive Engineer (C)/(E) CPWD/PWD, GNCTD

CC:

~~PPS~~ DG(W) CPWD, New Delhi

मास
निर्माण विभाग, मास
DW (S & D) Unit
24 MAR 2006
डा.सं. Dr No. 905

TABLE - I

SHUTTER SIZES OF DOOR

| Sl. No. | Location | Shutter Size (in mm) |
|---------|-------------------|--------------------------|
| 1. | Entrance Door (1) | 1100 x 2045 |
| 2. | Entrance Door (2) | 1000 x 2045 |
| 3. | Room Door (1) | 900 x 2045 |
| 4. | Room Door (2) | 800 x 2045 |
| 5. | Kitchen and Store | 800 x 2045 |
| 6. | Toilet | 650 x 2045 |

Note :

1. Masonry opening sizes shall be decided according to the sizes of frames to be used.
2. Doors and windows shutters along with frames shall be fabricated off site.
3. Main entrance door frame shall have double rebates for fixing two sets of shutters viz. normal door shutter and grilled shutter with wire-mesh.
4. The lintel level for all doors shall be at 2100 mm above finished floor level.
5. The materials to be used are left to the choice of the designers. Shutters and frames for doors shall be made of wood or any other suitable alternative materials as prescribed in the specification for the items

TABLE -II

OPENING SIZES OF WINDOW

| Sl. No. | Description | Location | SILL Height | Masonry Opening Size |
|---------|-------------|----------------|-------------|----------------------|
| 1. | Window (1) | Habitable Room | 750 | 1800 x 1350 |
| 2 | Window (2) | Habitable Room | 900 | 1800 x 1200 |
| 3 | Window (3) | Habitable Room | 750 | 1500 x 1350 |
| 4 | Window (4) | Habitable Room | 900 | 1500 x 1200 |
| 5 | Window (5) | Habitable Room | 750 | 1200 x 1350 |
| 6 | Window (6) | Habitable Room | 900 | 1200 x 1200 |
| 7 | Window (7) | Habitable Room | 750 | 900 x 1350 |
| 8 | Window (8) | Habitable Room | 900 | 900 x 1200 |
| 9 | Window (9) | Habitable Room | 750 | 600 x 1350 |
| 10 | Window (10) | Habitable Room | 900 | 600 x 1200 |
| 11 | Window (11) | Habitable Room | 750 | 450 x 1350 |
| 12 | Window (12) | Habitable Room | 900 | 450 x 1200 |
| 13 | Window (13) | Kitchen | 1050 | 900 x 1050 |
| 14 | Window (14) | Toilet | 1050 | 600 x 1050 |
| 15 | Window (15) | Toilet | 1050 | 450 x 1050 |

Notes :

1. Sill level for windows for habitable rooms shall be at height of 750 mm or 900 mm from the finished floor level.
2. Sill level for kitchen and toilet windows shall be at 1050 mm level.
3. All Windows frames shall have double rebates for fixing two sets of shutters i.e.glass and wire- mesh.
4. Shutters and frames for windows shall be made of wood or any alternative suitable material as prescribed in the specification for the items.