

Part M

Guidance Notes M29
Published May 2006
amd April 2010

Access to and use of
buildings (for England and Wales)

Minimum effective clear opening through timber framed internal doors

Approved Document

Internal Doors

3.10. Will satisfy the requirement of M1 and M2 if:

3.10b. The effective clear width through a single door, or one leaf of a double leaf door is in accordance with the Table and Diagram in the Approved Document.

Additional Guidance Information

Guidance Note M1:
General Introduction

Guidance Note M2:
Transitional Provisions

Guidance Note M3:
Guidance Notes Issue Programme
(includes other Doorset requirements).

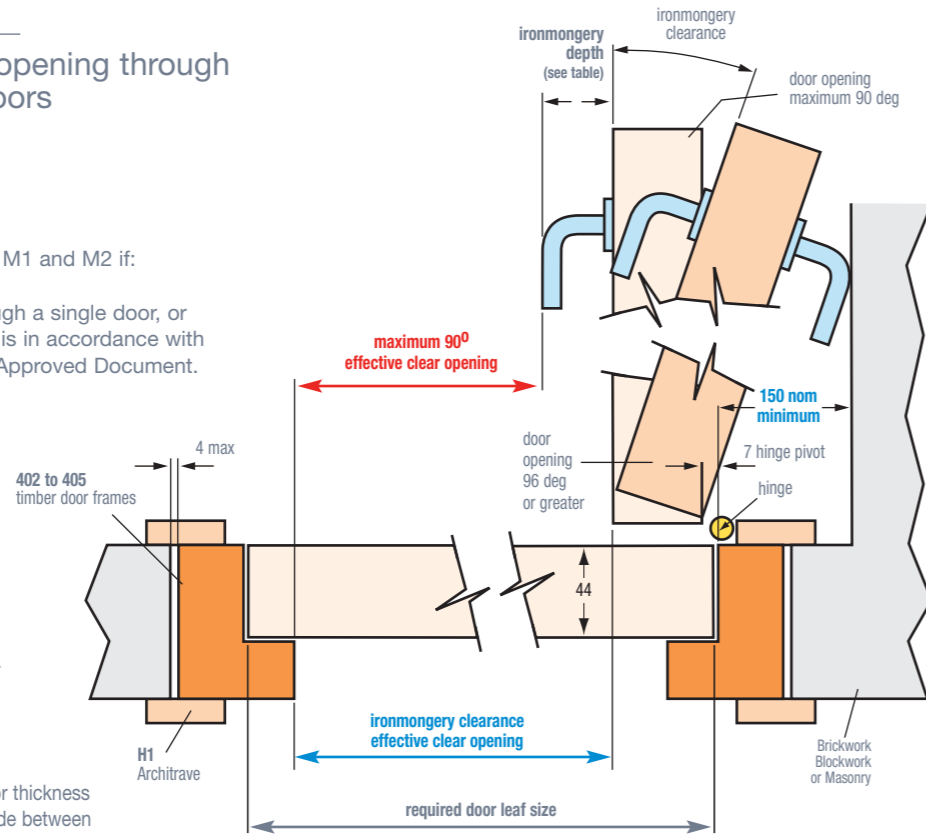
Komfort Calculation

Ironmongery cleared

effective clear opening required (ECO) + Door thickness + hinge pivot + door stop - clearance one side between door and frame = leaf size. $[ECO + 44 + 7 + 25 - 3]$

90 deg max opening

$ECO + 73 + \text{ironmongery dimension} = \text{leaf size.}$



part code	description	depth (mm)
General Ironmongery		
513	KA lever lock furniture	55
514	KB lever latch furniture	55
535	D handle	40
Hewi		
4032	20mmdia lever handle	68
4040	23mm dia lever handle	68
4055	D handle	85
Mirage		
5032	19mm dia lever handle	65
5040	22mm dia lever handle	78
5056	D handle	68
5055	D handle	65
5171	D handle	70
Normbau		
9005	20mm dia lever handle	70
9001	20mm dia lever handle	70
9033	D handle	85

Minimum effective clear widths of internal opening	
Direction of approach and corridor width	effective clear opening (mm) ECO
New Buildings	
Straight-on (without a turn or oblique approach)	800
At right angles to an access route at least 1500mm wide	800
At right angles to an access route at least 1200mm wide	825

Existing Buildings	
Straight-on (without a turn or oblique approach)	750
At right angles to an access route at least 1500mm wide	750
At right angles to an access route at least 1200mm wide	775

Note:
the effective clear width is the width of the opening measured at right angles to the wall in which the door is situated from the outside of the door stop on the door closing side to any obstruction on the hinge side, whether this be projecting door furniture (ironmongery), a weather board, the door, or the door stop (see Diagram).

Komfort door frame	
ironmongery cleared	90 deg max opening
door size new building	
873	plus ironmongery dimension
873	
898	

door size existing building	
823	plus ironmongery dimension
823	
848	

Part M

Guidance Notes M32
amd. April 2010

Access to and use of
buildings (for England and Wales)

Colour and contrast for the visually impaired - Internal doors

Approved Document

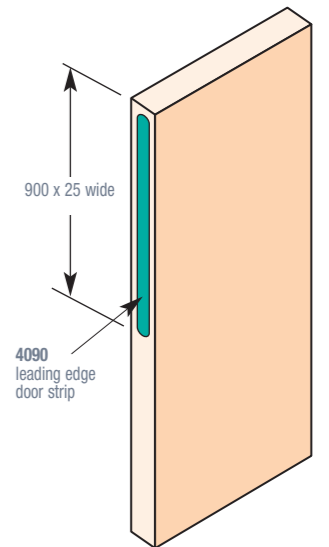
Design Considerations

3.8. The presence of doors, whether open or closed, should be apparent to visually impaired people through the careful choice of colours and material for the door and its surroundings. For example, when a door is open, people with impaired sight should be able to identify the door opening within the wall, as well as the leading edge of the door.

Provisions

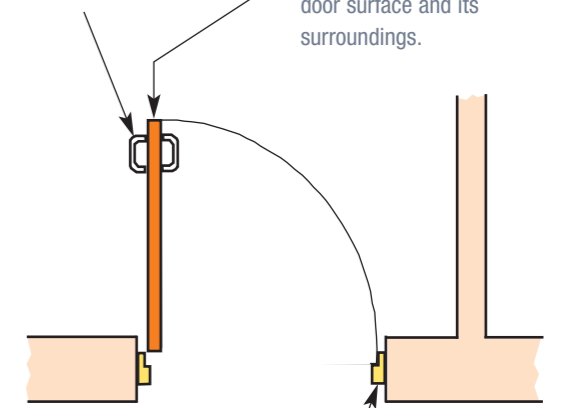
3.10. Internal doors will satisfy Requirement M1 or M2 if:

- 3.10e. all door opening furniture contrasts visually with the surface of the door;
- 3.10f. the door frames contrast visually with the surrounding wall;
- 3.10g. the surface of the leading edge of any door that is not self-closing, or is likely to be held open, contrasts visually with the other door surfaces and its surroundings;



requirement 3.10.e opening furniture visually contrasts with the door surface.

requirement 3.10.g. leading edge to contrast visually with the door surface and its surroundings.



requirement 3.10.f. door frame to contrast visually with surrounding wall.

Additional guidance information

Guidance Note M28: Minimum effective clear opening through aluminium framed internal doors.

Guidance Note M29: Minimum effective clear opening through timber framed internal doors.

Guidance Note M38: Vision panels zone of visibility.

Guidance Note M4a: Colour contrast for the visually impaired

Komfort's View

It is Komfort's view that all installations from the 1st May 2004 for new building works should meet the requirements of Part M of the Building Regulations (as guided by Approved Document M).

Doors and door frames (doorset) may be the same colour finish providing that the visual contrast is maintained by the surrounding wall. Care must then be taken to insure that both the ironmongery and the door leading edge (for doors not fitted with a closer) will meet the requirement.