

# Building regulations Part M: Mobility

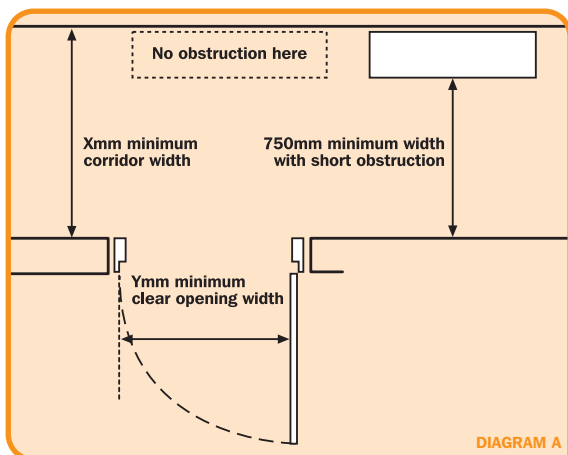


MOBILITY (Access and Facilities for Disabled People): Building Regulations Part M / Northern Ireland Building Regulations Part R



## Door widths for buildings which are dwellings

The regulations demand specific dimensions for doors and corridors, which have been calculated to assist the mobility of wheelchairs and prams into, and within, the dwelling. These details are shown in the diagrams and tables below.



Minimum widths of corridors, passageways and doors as indicated in Diagram A are shown below:

### Minimum widths of corridors and passageways for a range of interior door widths

DOORWAY CLEAR OPENING WIDTH = Y	CORRIDOR/PASSAGEWAY WIDTH = X
750mm or wider	900mm (when approach head-on)
750mm	1200mm (when approach not head-on)
775mm	1050mm (when approach not head-on)
800mm	900mm (when approach not head-on)

## Doors in buildings other than dwellings

There are specific requirements for buildings other than dwellings, which include the provision of unobstructed space on the opening side of the door, and glazing panels where opening of a door could cause a hazard.

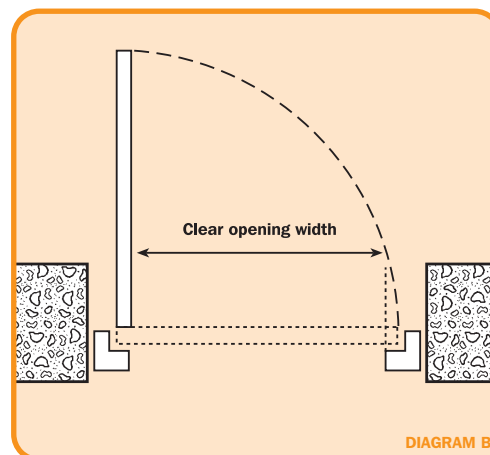
Following is a summary of door width recommendations, but please see the regulations for more details.

### Minimum effective clear widths of doors

DIRECTION AND WIDTH OF APPROACH	NEW BUILDINGS	EXISTING BUILDINGS
	Straight on without a turn or oblique approach	800mm
At right angles to an access route at least 1500mm wide	800mm	750mm
At right angles to an access route at least 1200mm wide	825mm	775mm
External doors to buildings used by the general public	1000mm	775mm

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 opening furniture, a weatherboard, the door, or the door stop. For specific guidance on the effective clear widths of doors in sports accommodation, refer to 'Access for Disabled People'. (Clear opening width on doors for dwellings is measured between the door stop and door face.)

FOR DISTRIBUTOR & TECHNICAL INFORMATION • 0870 990 7998



Clear opening dimensions for doors are determined by a number of components (see Diagram B), the table below summarises this information by door size:

**Interior** (based on 12mm stop, 7mm hinge throw, 3mm edge gap)

DOOR THICKNESS	DOOR WIDTH	CLEAR OPENING
35mm	686mm (2'3")	638mm
44mm	726mm	669mm
40mm	726mm	673mm
44mm	762mm (2'6")	705mm
35mm	762mm (2'6")	714mm
44mm	826mm	769mm
40mm	826mm	773mm
44mm	838mm (2'9")	781mm
35mm	838mm (2'9")	790mm
44mm	864mm (2'10")	807mm
40mm	864mm (2'10")	811mm
35mm	864mm (2'10")	816mm
44mm	926mm	869mm
40mm	926mm	873mm
35mm	914mm (3'0")	866mm
40mm	914mm (3'0")	861mm
45mm	914mm (3'0")	857mm

**Exterior** (based on 44mm door thickness, 7mm hinge throw, 3mm edge gap)

STOP THICKNESS	DOOR WIDTH	CLEAR OPENING
18mm	807mm	744mm
15mm	807mm	747mm
18mm	838mm (2'9")	775mm
15mm	838mm (2'9")	778mm
18mm	914mm (3'0")	851mm
15mm	914mm (3'0")	854mm