

IRISH STANDARD SPECIFICATION

WOOD DOORSETS—DIMENSIONS

I.S. 196: Part 1: 1977

**INSTITUTE FOR INDUSTRIAL RESEARCH AND STANDARDS,
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AMENDMENT

No. 1: 1983

OF

STANDARD SPECIFICATION (WOOD DOORSETS – DIMENSIONS) DECLARATION, 1977

IRISH STANDARD 196: PART 1: 1977

The Institute for Industrial Research and Standards in exercise of the power conferred by Section 20 (5) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961), and with the consent of the Minister for Industry and Energy, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Wood Doorsets – Dimensions) Declaration, 1977 (Amendment) No. 1: 1983.

2. Irish Standard : Part 1 : 1977 set out in the Schedule to the Standard Specification (Wood Doorsets – Dimensions) Declaration, 1977 is hereby amended as indicated in the Schedule hereto.

SCHEDULE

Page 9, Clause 5: *Add the following subclause and footnote:*

“5.6 Co-ordinating sizes of external doorsets and side panels:

In the case of frames incorporating both door(s) and side light(s) the co-ordinating sizes shall be selected from the following:

Width: 1000, 1200, 1500, 1800, 2100 mm

Height: 2100, 2400, 2700, 2800, 3000 mm

NOTE: Basic spaces may be filled by using one or two side panels in combination with one or two leaves.”

Page 11, Table 2: *Add the following footnote at the end of the table:*

“NOTE: Door leaf widths equal to or greater than 826 mm meet the requirements of the draft building regulations covering access for the disabled (see e₃S in Table 2).”

Pages 12 and 13: Delete Table 3 and its footnote and substitute the following:

TABLE 3. SIZES OF EXTERNAL DOORSETS AND THEIR COMPONENT PARTS
(see Fig. 1) (All dimensions are in millimetres).

Symbol	Description	Size	Permissible deviation
<i>A</i>	<i>Co-ordinating dimension:</i> height of door leaf height sets	2100	
<i>G</i>	<i>Co-ordinating dimension:</i> height of ceiling height set	2400, 2700, 2800, 3000,	
<i>B</i>	<i>Co-ordinating dimension:</i> width of all doorsets (<i>S</i> = single leaf set, <i>D</i> = double leaf set)	900 <i>S</i> 1000 <i>S</i> 1200 <i>D</i> 1500 <i>D</i> 1800 <i>D</i> 2100 <i>D</i>	
<i>C</i>	<i>Thickness</i>	This dimension is not specified but consideration should be given to its relationship to standardized sizes of sawn timber. For domestic use a nominal size of 100 mm is suitable.	
<i>A</i> ₂	<i>Work size:</i> height of door leaf height set	2090 2115	±2.0
<i>G</i> ₂	<i>Work size:</i> height of ceiling height set	2390 2690 2790 2990	±2.5
<i>B</i> ₂	<i>Work size:</i> width of all door sets (<i>S</i> = single leaf set, <i>D</i> = double leaf set)	890 <i>S</i> 990 <i>S</i> 1190 <i>D</i> 1490 <i>D</i> 1790 <i>D</i> 2090 <i>D</i>	±2.5

TABLE 3. (continued) SIZES OF EXTERNAL DOORSETS AND THEIR COMPONENT PARTS (see Fig. 1) (All dimensions are in millimetres).

Symbol	Description	Size	Permissible deviation
d_3	Work size: door leaf height for all doorsets	2030	± 1.5
e_2	Door frame reveal width: (width within reveals)	788 888 1088 1388 1688 1988	± 1.5
e_3S	Width of door leaf in single leaf sets (F = flush leaf, P = panel leaf)	785 885	± 1.5
e_3D	Width of one leaf of a double leaf doorset (F = flush leaf, P = panel leaf) Dimensions of pairs of doors assume square meeting stiles with 1 mm clearance between leaves. If rebated meeting stiles are required, then leaf length will be 9 mm greater than stated, to allow for an 18 mm rebate).	542 F & P 692 F & P 842 F & P 992 F & P	± 1.5
f_3	Door leaf thickness	44	± 1.5
g	Doorstop width (solid or otherwise)	18	± 1.0
f_2	Rebate depth	46	± 0.5
S_1	Height of rebate of sill above co-ordinating plane	Depends on sill detail	
	Clearance between: Leaf and jamb Leaf and head Leaf and transom Leaf and sill The above three measurements to be taken at sill and either head or transom	1.5 at each side 1.5 1.5 1.5	$\left. \begin{array}{l} +1.0 \\ -0.5 \end{array} \right\}$
*	This dimension has not been precisely defined as its actual value will be governed by the tolerances in the dimensions of other components in the doorset.		

***Note:** Widths equal to or greater than 885 meet the requirements of the draft Building Regulations covering access for the disabled.

Page 18, Figure 3: *Delete this figure.*

Page 19, Subclause 7.2: *Delete this subclause and substitute the following:*

“7.2 Glazing openings in panel door leaves: The arrangement of glazing openings shall be at the discretion of the manufacturer unless otherwise agreed between the purchaser and the manufacturer at the time of ordering”.

Page 20, Table 6: *Delete this table and its footnotes.*

Page 21, Subclauses 7.2.1 and 7.2.2: *Delete these subclauses.*

Page 22, Table 7: *Delete this table and its footnote.*

Page 24, Subclause 9.2: *Delete the last sentence of this subclause.*

Subclause 9.3: *Delete the last sentence of this subclause.*

Page 25, Clause 12 (3): *Omit this paragraph and substitute the following:*

“(3) The omission of the sill. When omitted, packing pieces are provided above the head of the doorset to maintain the worksize height given in Table 2.”

GIVEN under the Seal of the Institute,
this 1st day of July, 1983,



H. O'SULLIVAN,
Chairman of the Board of the Institute

I consent to the above declaration—

GIVEN under my Official Seal,
this 28th day of July, 1983,



JOHN BRUTON,
Minister for Industry and Energy.

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