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National Standards Authority of Ireland

IRISH STANDARD

I.S. 63 : Part 2 : 1984

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WOOD WINDOWS - CONSTRUCTION

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AMENDMENT

NO. 1 : 1989

OF

STANDARD SPECIFICATION (WOOD WINDOWS – CONSTRUCTION)

DECLARATION, 1984

IRISH STANDARD 63 : PART 2 : 1984

EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (5) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Industry and Commerce, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Wood Windows – Construction) Declaration, 1984 (Amendment) No. 1 : 1989.

2. Irish Standard 63 : Part 2 : 1984 set out in the Schedule to the Standard Specification (Wood Windows – Construction) Declaration, 1984 is hereby amended as indicated in the Schedule hereto.

SCHEDULE

Page 4, Foreword; *Add the following as a third paragraph:*

"The specification now includes optional tests for wind loading and air and water penetration (see Clause 13 and Fig. 10). Windows complying with this specification are suitable for use in areas of sheltered or normal exposure. Where windows are to be used in exposed areas, specifiers should have them tested in accordance with Clause 13 with a view to establishing their suitability for use in such areas and establishing whether special designs or weatherproofing features are required."

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Page 7, Sub-clause 5.1; *In the note to this sub-clause delete:* "Institute for Industrial Research & Standards, Ballymun Road" *and substitute the following:* "EOLAS, Glasnevin".

Page 16, Clause 7, Table 3; *Add the word* "minimum" to the heading of Column 2. *Add the word* "minima" to the heading of Column 3.

Add the following note after Table 3:

"Laminated sections manufactured by an approved process may be used instead of solid timber. The manufacture of laminated sections shall be carried out in accordance with BS 1186:Part 2 and the adhesive used shall be WBP grade."

Sub-clause 7.2.1; *Delete the last phrase and substitute the following:*

"The minimum depth of rebate for double glazing units shall be 30 mm for units with an overall thickness up to and including 20 mm. For greater unit thickness the width of the rebate shall be increased pro rata."

Page 17, Sub-clause 7.2.3; *Delete the existing text and substitute the following:*

"7.2.3 Sashes. In all cases where a sash member (including rebated members) is designed to fit into or against a frame member (including the frame rebate) the gaps between the adjoining surfaces shall be as follows;

(a) In work which is to be painted, the gap between the surfaces shall not be more than 2.5 mm and not less than 1.5 mm.

(b) In work which is not to be painted the gap shall not exceed 1 mm.

(c) In the case of rebated sashes, the gap between the surface of the rebate of the sash and the surface of the rebate of the frame (i.e. the surfaces on which the depth of the rebates are measured) may exceed the above maxima provided the overlap requirements of 7.2.2 are met.

(d) Where weatherstripping is used the permitted gap between the faces where the seal takes place may be increased by 2 to 4 mm depending on the type of weatherstripping used."

Sub-clause 7.5; *Add the following to the note which follows 7.5:*

"Sealing of all end grain before jointing has been shown to reduce significantly the uptake of moisture in service and as a consequence also the risk of fungal attack."

Page 24, Sub-Clause 9.2.1; *Add the following paragraph:*

"Hinges of the 'easy-fit', 'quick-fit' or 'barrel' type shall not be used unless requested by the purchaser. If they are specified by the purchaser then the unthreaded shank of the fixing leg shall be designed as a tight-fit so that water cannot enter the timber at this point. They shall be of steel sherardized to a minimum thickness of 30 micrometres in accordance with BS 4921. The design or method of fixing shall be such that the casement or night vent cannot be removed. A stop screw or similar device is not acceptable for this purpose."

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Page 25, Sub-Clause 9.6; *Add the following:*

"Hinges of the easy-fit types, manufactured from plastics materials shall not be used unless requested by the purchaser. If they are specified by the purchaser then the plastics materials used shall be suitably modified to give adequate performance particularly in a fire situation. The design or method of fixing shall be such that the casement or night vent cannot be removed and that moisture is prevented from entering the timber at the point of fixing. A stop screw or similar device is not acceptable for the purpose of preventing removal of the casement or night vent."

In the second paragraph delete: "the Institute for Industrial Research & Standards" *and substitute the following:* "EOLAS, Glasnevin, Dublin 9.".

Page 26, Sub-clause 12.1; *Add to the end of the second sentence:* "or the sash where the design requires this".

Page 28, Sub-Clause 15.1(f); *Delete:* "B.S. DD4" *and substitute the following:* "BS 6375:Part 1".

Page 29; *Insert the following caption below the figure on the top half of the page immediately below the note:*

"Figure 3(a) Casement components; Elevation of typical window"

Delete the caption at the end of the page and substitute the following caption:

"Figure 3(b) Sections of typical window".

Page 30: *Add the word:* "(continued)" *in brackets to the caption at the end of the page.*

Page 32, Figure 8; *Delete the dimension:* "8" mm *shown on the side elevation and substitute the following:* "13" mm.

Page 36, Note; *Delete:* "Institute for Industrial Research and Standards, Ballymun Road" *and substitute the following:* "EOLAS, Glasnevin".

Page 37, Appendix D; *Add the following to the list of British Standards:*

"BS 1186 Timber for and workmanship in joinery. Part 2: Specification for workmanship

BS 4921 Specification for sherardized coatings on iron and steel articles".

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L.S.

GIVEN under the Seal of
EOLAS - The Irish Science and Technology Agency
this 19th day of April,1989

Thomas J. Donlon

Member of the Board of the Agency and
Chairman of the National Standards Authority of Ireland

I consent to the above declaration -

L.S.

GIVEN under the Official Seal of the Minister for Industry and Commerce this 13th day of September, 1989

Michael Smith

Minister of State at the

Department of Industry and Commerce.

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