

IRISH STANDARD SPECIFICATION

PANELLED TIMBER DOORS

I.S. 196 : Part 4 : 1982

Price Code G

INSTITUTE FOR INDUSTRIAL RESEARCH AND STANDARDS

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FOREWORD

The Irish Standard 196 series is composed of the following parts:—

- I.S. 196 : Part 1 : 1977 Wood Doorsets—Dimensions (under revision)
- * I.S. 196P : Part 2 : 1980 Flush Wood Door Leaves (internal) (Provisional Irish Standard)
- * I.S. 196P : Part 3 : 1980 Doors—Methods of Test (Provisional Irish Standard) and now
I.S. 196 : Part 4 : 1982 Panelled Timber Doors.

Part 4 is essentially a revised and metricated revision of I.S. 52 : 1953 Panelled Wood Doors.

The committee which prepared this new part (4), which covers panelled timber door leaves only, considered also the cross-section of the door frame, the width of the reveal and various threshold details. As a result new door leaf heights and widths were specified. Part 1 will be amended accordingly to accommodate these changes.

As panelled doors are more readily checked for compliance with a prescribed specification than are flush doors where the method of construction is hidden, Part 4 specifies only construction requirements.

It is hoped that door manufacturers who comply with this specification will apply for permission to use the Institute's Standard Mark. The use of the Mark is necessary for the acceptance and successful operation of this specification.

* NOTE: I.S. 196P : Part 2 covers two methods of specifying internal flush timber doors: (a) by giving performance requirements, (b) by giving construction requirements. I.S. 196P : Part 3 covers methods of test for doors. Part 4 refers to some of the test methods given in Part 3.

DECLARATION
OF
SPECIFICATION
ENTITLED
PANELLED TIMBER DOORS
AS
THE IRISH STANDARD SPECIFICATION FOR
PANELLED TIMBER DOORS

The Institute for Industrial Research and Standards in exercise of the power conferred by section 20 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 (Panelled Timber Doors) Declaration, 1982.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Panelled Timber Doors.
(2) The said standard specification may be cited as Irish Standard 196 : Part 4 : 1982 or as I.S. 196 : Part 4 : 1982.
3. (1) The Standard Specification (Panelled Wood Doors) Order, 1953, (S.I. No. 252 of 1953), is hereby revoked.
(2) Reference in any other standard specification to the Order hereby revoked and to Irish Standard 52 : 1953, thereby prescribed, shall be construed, respectively, as references to this Instrument and to Irish Standard 196 : Part 4 : 1982.

SCHEDULE

Panelled Timber Doors

1. SCOPE

This specification covers requirements for internal and external panelled timber door leaves suitable for domestic use.

NOTE: This specification does not cover requirements for door frames. The door leaves covered by this specification will be suitable for use in doorsets complying with requirements which will be included in a revised version of I.S. 196 : Part 1. Detailed requirements for doorsets will be covered in a further part of this specification.

2. DEFINITIONS

2.1 Component. A building product formed as a distinct unit having specified sizes in three dimensions.

2.2 Deviation. The difference between a size or position (actual limit etc.) and the corresponding basic (specified) size or position.

2.3 Doorset. An assembly including a fixed part (the door frame) and a movable part (the door leaf) and the hardware and other ancillary items required to form an operational unit, the general function of which is to allow or prevent access.

2.4 External door. A door exposed to the effects of the weather.

2.5 Door leaf. The hinged part of the doorset providing access through it.

NOTE: The term door as used elsewhere in this specification means a 'panelled timber door leaf'.

2.6 Panelled door. A door constructed with a framed surround and having the spaces between the framing members (stiles, rails, muntins) filled with panels of thinner material. Some or all of the panels may be filled with glass.

2.7 Size. The magnitude (numerical value) of a dimension in terms of a defined unit.

2.8 Work size. The size given with its permitted deviation, specified for manufacturing a component the actual size of which should lie within these deviations under reference conditions.

3. DIMENSIONAL AND ANCILLARY REQUIREMENTS

3.1 Sizes. The sizes shall be those specified for the leaves of external and internal doorsets in I.S. 196 : Part 1 (under amendment) and they shall comply with the dimensional requirements of that specification.

NOTE: For further information on sizes, see Tables 2 and 3 and Figure 1 of I.S. 196 : Part 1.

3.1.1 Height. The work size height shall be 2040 ± 1.5 mm for internal doors and 2030 ± 1.5 mm for external doors.

NOTE: The height of 2030 mm may be too great to suit certain sill details. In such cases, the door should be trimmed at the top and the cut surface retreated.

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