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JIS

JAPANESE INDUSTRIAL STANDARD

Test Method of Thermal Resistance for Windows and Doors

JIS A 4710–1989

Translated and Published

by

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In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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1. Scope

This Japanese Industrial Standard specifies the test method of thermal resistance of the Class 1 opening components (hereafter referred to as the "windows and doors") specified in JIS A 0005.

Remark: The units and numerical values given in { } in this Standard are based on the traditional unit system and are currently the criteria in force.

2. Definitions

For the purpose of this Standard, the following definitions apply.

(1) attaching frame of test body A frame which surrounds necessary periphery of the test body for the purpose of attaching the test body to the opening of the test equipment.

(2) opening dimensions for heat transmission The outside dimensions of a window and door through which the heat of the test body passes, excluding the protruding parts such as the fins for attaching of the window and door to the building frame and supports for sealing. These are indicated by the width dimension and height dimension.

(3) opening area for heat transmission The product of the width dimension and height dimension of the opening dimensions for heat transmission.

Applicable Standards:

JIS A 0005-Standard Nominal Size of Opening Components for Buildings

JIS A 1412-Standard Method of Test for Thermal Conductivity of Heat Insulating Materials by Means of Comparison with a Standard Plate of Known Conductivity

JIS A 9511-Heat Insulator Made of Polystyrene Foam

JIS C 1102-Electrical Indicating Instruments

JIS Z 8401-Rules for Rounding off of Numerical Values

JIS Z 8704-Electrical Methods of Temperature Measurements