JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS A 4710 : 2015

(JTCCM/JSA)

Windows and doorsets—Thermal resistance test

ICS 91.060.50;91.120.10

Reference number : JIS A 4710 : 2015 (E)

Date of Establishment: 1979-02-01
Date of Revision: 2015-03-20
Date of Public Notice in Official Gazette: 2015-03-20
Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area
Technical Committee on Architecture

JIS A 4710:2015, First English edition published in 2016-06

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

Printed in Japan

HT/AT

Contents

Page

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Testing Center for Construction Materials (JTCCM)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS A 4710**:2004 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Windows and doorsets—Thermal resistance test

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 12567-1** published in 2010 with some modifications of the technical contents so that it can be used in Japan.

The portions given sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JD. The comparison table between previous and current editions of this Standard on technically significant provisions is given in Annex JE.

1 Scope

This Standard specifies the test method for the thermal resistance of windows and doorsets.

This Standard, however, does not apply to the following:

a) edge effects occurring outside the perimeter of the specimen;

b) energy transfer due to solar radiation on the specimen;

c) effects of air leakage through the specimen;

d) roof windows and projecting windows.

NOTE : The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 12567-1:2010 *Thermal performance of windows and doors—Determination of thermal transmittance by the hot-box method—Part 1: Complete windows and doors* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent edition of the standards (including amendments) indicated below shall be applied.

JIS A 0202 *Thermal insulation—Vocabulary*

NOTE : Corresponding International Standards: ISO 7345 *Thermal insulation—Physical quantities and definitions*, ISO 9288 *Thermal insulation—Heat transfer by radiation—Physical quantities and definitions* (MOD)