JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS A 1452 : 2015

(JTCCM/JSA)

Methods of abrasion test for building materials and part of building construction (Falling sand method)

ICS 91.100.01

Reference number : JIS A 1452 : 2015 (E)

Date of Establishment: 1972-02-01
Date of Revision: 2015-12-25
Date of Public Notice in Official Gazette: 2015-12-25
Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area
Technical Committee on Architecture

JIS A 1452:2015, First English edition published in 2016-07

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

NH/AT

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry and the Minister of Land, Infrastructure, Transport and Tourism 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 1452**:1972 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 Ministers 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.

Methods of abrasion test for building materials and part of building construction (Falling sand method)

1 Scope

This Japanese Industrial Standard specifies the abrasion test method for building materials and part of building construction by falling sand method.

NOTE : The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex A.

2 Normative references

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

JIS K 7136 *Plastics—Determination of haze for transparent materials*

JIS K 7361-1 *Plastics—Determination of the total luminous transmittance of transparent materials—Part 1: Single beam instrument*

JIS R 6001 *Bonded abrasive grain sizes*

JIS R 6111 *Artificial abrasives*

JIS Z 8105 *Glossary of colour terms*

JIS Z 8401 *Guide to the rounding of numbers*

JIS Z 8741 *Specular glossiness—Methods of measurement*

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS K 7361-1**, **JIS Z 8105**, **JIS Z 8741**, and the following apply.

3.1 reduction rate in specular gloss

rate that specular gloss is reduced by abrasion

3.2 reduction rate in total luminous transmittance

rate that total luminous transmittance is reduced by abrasion

3.3 resistance to coat loss

resistance to coat loss caused by abrasion

4 Measurement items

The assessment items of abrasion test results shall be as follows depending on the purpose of the test.