

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS A 5209 : 2014

(JCTMA)

Ceramic tiles

ICS 91.100.25

Reference number : JIS A 5209 : 2014 (E)

PROTECTED BY COPYRIGHT

24 S

A 5209 : 2014

Date of Establishment: 1957-03-29

Date of Revision: 2014-06-11

Date of Public Notice in Official Gazette: 2014-06-20

Investigated by: Japanese Industrial Standards Committee
Standards Board

Technical Committee on Architecture

JIS A 5209 : 2014, First English edition published in 2016-08

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.

© JSA 2016

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

KK/HN

PROTECTED BY COPYRIGHT

Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Classification	11
5 Quality	11
5.1 Tiles	11
5.2 Unit tiles	22
6 Tests	23
7 Inspection	23
8 Marking	23
8.1 Marking on product	23
8.2 Marking on package or invoice	23
8.3 Marking in catalogue or manual	25
Annex JA (informative) Comparison table between JIS and corresponding International Standard	27
Annex JB (informative) Comparison table between previous and current edi- tions of this Standard on technically significant re- visions	36

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 Ceramic Tile Manufacturers' Association (JCTMA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law 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 5209:2010** is replaced with this Standard.

However, **JIS A 5209: 2010** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until June 19, 2015.

This **JIS** document is protected by the Copyright Law.

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.

Ceramic tiles

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 13006** published in 2012 with some modifications of the technical contents for reflecting the local needs and situations 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 JA. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex JB.

1 Scope

This Standard specifies the ceramic tiles (hereafter referred to as “tiles”) to be used for the tile post-faced method using cement mortar (hereafter referred to as “mortar facing”), the tile post-faced method using organic adhesives (hereafter referred to as “adhesives facing”) and the tile pre-faced precast concrete construction method.

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

ISO 13006 : 2012 *Ceramic tiles — Definitions, classification, characteristics and marking* (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 2-1**.

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 A 1509-1 *Test methods for ceramic tiles — Part 1 : Sampling*

NOTE : Corresponding International Standard : ISO 10545-1 : 1995 *Ceramic tiles — Part 1 : Sampling and basis for acceptance* (MOD)

JIS A 1509-2 *Test methods for ceramic tiles — Part 2 : Determination of dimensions and the shape*

NOTE : Corresponding International Standard : ISO 10545-2 : 1995 *Ceramic tiles — Part 2 : Determination of dimensions and surface quality* (MOD)

JIS A 1509-3 *Test methods for ceramic tiles — Part 3 : Determination of water absorption, apparent porosity and bulk density*