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Ceramic tiles

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Foreword

This Japanese Industrial Standard has been 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 a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS A 5209:2014**), which has been technically revised.

However, **JIS A 5209: 2014** may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 22 March 2021.

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Ceramic tiles

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 13006** : 2018, Edition 3, with some modifications of the technical contents for reflecting the local needs and situations in Japan.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. 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 requirements for 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 : 2018 *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 21-1**.

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 : 2014 *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*