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Ceramic tiles

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Mita Avanti, 3-11-28, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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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 : 2020**), which has been technically revised.

However, **JIS A 5209 : 2020** 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 19 May 2026.

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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 to reflect actual situation in Japan.

The vertical lines on both sides indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA. A list of technically significant revisions from the previous edition with reasons 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 finishing materials for the decoration or protection of mainly walls and floors.

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

Part or all of the provisions of the following standards, 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 Normative reference in the corresponding International Standard: ISO 10545-1 *Ceramic tiles — Part 1: Sampling and basis for acceptance*

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

NOTE Normative reference in the corresponding International Standard: ISO 10545-2 *Ceramic tiles — Part 2: Determination of dimensions and surface quality*

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