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(JAPA/JSA)

**Combined coatings of anodic oxide and
organic coatings on aluminium and
aluminium alloys**

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In the event of any doubts arising as to the contents,
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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 Aluminium Products Association (JAPA)/Japanese Standards Association (JSA) 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 H 8602** : 2010), which has been technically revised.

However, **JIS H 8602** : 2010 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 21 December 2026.

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Combined coatings of anodic oxide and organic coatings on aluminium and aluminium alloys

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 28340 : 2013**, Edition 1, with some modifications of the technical contents to align with the actual situation of the Japanese market.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. 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 JB.

1 Scope

This Standard specifies the requirements for the combined coatings of anodic oxide and organic coatings on aluminium and aluminium alloys (hereafter referred to as combined coatings).

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

ISO 28340 : 2013 *Combined coatings on aluminium — General specifications for combined coatings of electrophoretic organic coatings and anodic oxidation coatings on aluminium* (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 B 7753 *Light-exposure and light-and-water-exposure apparatus (Open-flame carbon-arc type)*

NOTE 1 Normative reference in the corresponding International Standard: ISO 4892-4 *Plastics — Methods of exposure to laboratory light sources — Part 4: Open-flame carbon-arc lamps*

NOTE 2 The **JIS** cited above is not a corresponding standard to but equivalent to the **ISO** Standard given in **NOTE 1** in the contents relevant to this Standard.

JIS H 0201 *Glossary of terms used in the surface treatment of aluminium*

JIS H 8679-1 *Anodizing of aluminium and its alloys — Rating system for the evaluation of pitting corrosion — Part 1: Rating number method*

NOTE 1 Normative reference in the corresponding International Standard: ISO