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**Painted and baked aluminium and
aluminium alloy sheets and strips**

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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 through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Aluminium Association (JAA)/ 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 H 4001:1990** is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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Painted and baked aluminium and aluminium alloy sheets and strips

1 Scope This Japanese Industrial Standard specifies the precoated and baked ⁽¹⁾ aluminium and aluminium alloy sheets (hereafter referred to as "sheets") and strips (hereafter referred to as "strips") mainly for architectural use.

Note ⁽¹⁾ Backside coatings (service coat) are generally applied on the backside surface of one-side coated sheets and strips. However, this Standard does not apply to such backside coatings.

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 H 0321 *General rules for inspection of non-ferrous metal materials*

JIS H 4000 *Aluminium and aluminium alloy sheets and plates, strips and coiled sheets*

JIS K 5600-1-7 *Testing methods for paints—Part 1 : General rule—Section 7 : Determination of film thickness*

JIS K 5600-4-7 *Testing methods for paints—Part 4 : Visual characteristics of film—Section 7 : Specular gloss*

JIS K 5600-5-3 *Testing methods for paints—Part 5 : Mechanical property of film—Section 3 : Falling-weight test*

JIS K 5600-5-4 *Testing methods for paints—Part 5 : Mechanical property of film—Section 4 : Scratch hardness (Pencil method)*

JIS K 5600-5-6 *Testing methods for paints—Part 5 : Mechanical property of film—Section 6 : Adhesion test (Cross-cut test)*

JIS K 5600-7-1 *Testing methods for paints—Part 7 : Long-period performance of film—Section 1 : Resistance to neutral spray*

JIS K 5600-7-2 *Testing methods for paints—Part 7 : Long-period performance of film—Section 2 : Resistance to humidity (Continuous condensation)*

JIS K 5600-7-7 *Testing methods for paints—Part 7 : Long-period performance of film—Section 7 : Accelerated weathering (Exposure to filtered xenon-arc radiation)*

JIS K 5600-8-6 *Testing methods for paints—Part 8 : Evaluation of degradation of paint coatings—Section 6 : Rating of degree of chalking*

JIS K 8575 *Calcium hydroxide*