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

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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 Products Association (JAPA)/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 8602 : 2006** is replaced with this Standard.

However, **JIS H 8602 : 2006** may be applied in the **JIS** mark certification based on the relevant provisions of Article 20 Clause 1, etc. of the Industrial Standardization Law until 19th July, 2010.

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

1 Scope

This Japanese Industrial Standard specifies the combined coatings of anodic oxide and organic coatings (hereafter referred to as "combined coatings") executed on the base metal of wrought product of aluminium and aluminium alloys for purposes of corrosion prevention, good appearance, etc.

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 B 7753 *Light-exposure and light-and-water-exposure apparatus (Open-flame carbon-arc type)*
- JIS H 0201 *Glossary of terms used in the surface treatment of aluminium*
- JIS H 8680-1 *Test methods for thickness of anodic oxide coatings on aluminium and aluminium alloys—Part 1: Microscopical method*
- JIS H 8680-2 *Test methods for thickness of anodic oxide coatings on aluminium and aluminium alloys—Part 2: Eddy current method*
- JIS H 8681-2 *Test methods for corrosion resistance of anodic oxide coatings on aluminium and aluminium alloys—Part 2: CASS 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 5600-7-7 *Testing methods for paints—Part 7: Long-period performance of film—Section 7: Accelerated weathering and exposure to artificial radiation (Exposure to filtered xenon-arc radiation)*
- JIS K 5600-7-8 *Testing methods for paints—Part 7: Long-period performance of film—Section 8: Accelerated weathering (Exposure to fluorescent UV lamps)*
- JIS K 8271 *Xylene (Reagent)*
- JIS K 8576 *Sodium hydroxide (Reagent)*
- JIS Z 1522 *Pressure sensitive adhesive cellophane tapes*
- JIS Z 8401 *Guide to the rounding of numbers*
- JIS Z 8720 *Standard illuminants and sources for colorimetry*
- JIS Z 8741 *Specular glossiness—Method of measurement*
- JIS Z 9112 *Classification of fluorescent lamps by chromaticity and colour ren-*