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## Glossary of terms used in the surface treatment of aluminium

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**Descriptors** : terminology, vocabulary, surface treatment, production processes,  
aluminium, non-ferrous metals

**Reference number** : JIS H 0201 : 1998 (E)

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS H 0201 : 1987** is replaced with **JIS H 0201 : 1998**.

This revision intended to achieve international conformity on the basis of **ISO 7583 : 1986**, *Anodizing of aluminium and its alloys—Vocabulary* for the purpose of making easy to compare this Standard with International Standards, to prepare Japanese Industrial Standard conforming with International Standards and to propose a draft of International Standard which is based on Japanese Industrial Standard.

Date of Establishment: 1970-10-01

Date of Revision: 1998-11-20

Date of Public Notice in Official Gazette: 1998-11-20

Investigated by: Japanese Industrial Standards Committee  
Divisional Council on Non-Ferrous Metals

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## Glossary of terms used in the surface treatment of aluminium

**Introduction** This Japanese Industrial Standard is corresponding to the first edition of **ISO 7583**, *Anodizing of aluminium and its alloys—Vocabulary*, published in 1986. The technical contents are equivalent to the corresponding parts (the terms for anodic oxidation treatment), however, the chemical conversion treatment, the related surface treatment (painting, electroplating, porcelain enamelling, thermal spraying) etc. unspecified in the corresponding International Standard has been additionally specified.

**1 Scope** This Standard specifies the general terms and their definitions used in the anodic oxidation and chemical conversion treatment of aluminium and aluminium alloys.

Remarks : The corresponding International Standard to this Standard shall be shown as follows:

ISO 7583 : 1986 *Anodizing of aluminium and its alloys—Vocabulary*

**2 Classification** The terms used in the surface treatment of aluminium shall be classified into the following eight groups:

- a) General subjects
- b) Treating agents (materials) and equipment
- c) Pretreatment
- d) Anodic oxidation treatment (dyeing, sealing, effluent treatment)
- e) Chemical conversion treatment
- f) Related surface treatment (painting, electroplating, porcelain enamelling, thermal spraying)
- g) Property and defect
- h) Inspection and test

**3 Definitions** The terms and definitions shall be as follows: