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JIS G 3318 : 2024

(JISF)

**Prepainted hot-dip zinc-5 % aluminium  
alloy-coated steel sheet and strip**

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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 based on the provision of Article 14, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act in response to a proposal for revision of Japanese Industrial Standard with a draft being attached, submitted by The Japan Iron and Steel Federation (JISF), an accredited standards development organization. This edition replaces the previous edition (**JIS G 3318** : 2019), which has been technically revised.

However, **JIS G 3318** : 2019 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 June 2025.

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# Prepainted hot-dip zinc-5 % aluminium alloy-coated steel sheet and strip

## 1 Scope

This Japanese Industrial Standard specifies requirements for the prepainted hot-dip zinc-5 % aluminium alloy-coated steel sheet (hereafter referred to as sheets) and prepainted hot-dip zinc-5 % aluminium alloy-coated steel strip (hereafter referred to as coils), which are produced by applying synthetic resin paint with baking finish on the hot-dip zinc-5 % aluminium alloy-coated steel sheet and strip as well as requirements for the corrugated sheet processed into the shape and dimensions as specified in **JIS G 3316** (hereafter referred to as corrugated sheets).

**NOTE** In the next revision of this Standard, a new standard will be established to specify requirements common to **JIS G 3312**, **JIS G 3318** and **JIS G 3322**.

## 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 G 0202 *Glossary of terms used in iron and steel (Testing)*

JIS G 0203 *Glossary of terms used in iron and steel (Products and quality)*

JIS G 0404 *Steel and steel products — General technical delivery requirements*

JIS G 0415 *Steel and steel products — Inspection documents*

JIS G 3316 *Shapes and dimensions of corrugated steel sheets*

JIS G 3317 *Hot-dip zinc-5 % aluminium alloy-coated steel sheet and strip*

JIS K 5600-4-4 *Testing methods for paints — Part 4: Visual characteristics of film — Section 4: Colorimetry (Principles)*

JIS K 5600-8-2 *Testing methods for paints — Part 8: Evaluation of degradation of paint coatings — Section 2: Designation of degree of blistering*

JIS K 5600-8-4 *Testing methods for paints — Part 8: Evaluation of degradation of paint coatings — Section 4: Designation of degree of cracking*

JIS K 5600-8-6 *Testing methods for paints — Part 8: Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance — Section 6: Assessment of degree of chalking by tape method*

JIS K 5602 *Determination of reflectance of solar radiation by paint film*