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STANDARD

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(JPMA/JSA)

**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**

ICS 87.040

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In the event of any doubts arising as to the contents,
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Contents

	Page
Introduction.....	1
1 Scope.....	1
2 Normative references	1
3 Terms and definitions	2
4 Principle	2
5 Materials.....	2
6 Procedure	2
7 Rating.....	3
8 Test report	3
Annex A (informative) Assessment of chalking by the degree of transmittance.....	5
Annex JA (informative) Comparison table between JIS and corresponding International Standard	6

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 Paint Manufacturers Association (JPMA)/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 K 5600-8-6:1999** is replaced with this Standard.

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JIS K 5600 series consists of the following 9 parts under the general title “*Testing methods for paints*”:

Part 1: General rule

Part 2: Characteristics and stability of paints

Part 3: Film formability

Part 4: Visual characteristics of film

Part 5: Mechanical property of film

Part 6: Chemical property of film

Part 7: Long-period performance of film

Part 8: Evaluation of degradation of coatings—Designation of quantity and size of defects, and of intensity of uniform changes in appearance

Part 9: Coating powders

JIS K 5600-8 consists of the following 6 parts under the title of “*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 1: General principles and rating schemes

Section 2: Designation of degree of blistering

Section 3: Designation of degree of rusting

Section 4: Designation of degree of cracking

Section 5: Designation of degree of flaking

Section 6: Assessment of degree of chalking by tape method

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

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of **ISO 4628-6** published in 2011 with some modifications of the technical contents.

The portions given dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard provides pictorial reference standards for designating the degree of chalking of paint coatings by the tape method in a scheme to rate the quantity of defects in coating, its size and the degree of uniform change in appearance.

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

ISO 4628-6:2011 *Paints and varnishes—Evaluation of degradation of coatings—Designation of quantity and size of defects, and of intensity of uniform changes in appearance—Part 6: Assessment of degree of chalking by tape method* (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

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 K 5500 *Glossary of terms for coating materials*

JIS K 5600-8-1 *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 1: General principles and rating schemes*