



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS K 5600-1-3 : 1999

(ISO 1513 : 1992)

**Testing methods for paints—
Part 1 : General rule—
Section 3 : Examination and
preparation of samples for testing**

ICS 87.040

Descriptors : paints, cross-cut test, testing, specimen preparation

Reference number : JIS K 5600-1-3 : 1999 (E)

K 5600-1-3 : 1999 (ISO 1513 : 1992)

Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

JIS K 5400 corresponding to this Standard will be withdrawn and replaced with this Standard in April 2002, at the time of three years passed after establishment of this Standard.

Consequently it is recommended to comply with this Standard.

JIS K 5600 consists of the following parts.

JIS K 5600 Part 1 Section 1 to Section 8	<i>General rule</i>
JIS K 5600 Part 2 Section 1 to Section 7	<i>Characteristics and stability of paints</i>
JIS K 5600 Part 3 Section 1 to Section 6	<i>Film formability</i>
JIS K 5600 Part 4 Section 1 to Section 7	<i>Visual characteristics of film</i>
JIS K 5600 Part 5 Section 1 to Section 11	<i>Mechanical property of film</i>
JIS K 5600 Part 6 Section 1 to Section 3	<i>Chemical property of film</i>
JIS K 5600 Part 7 Section 1 to Section 8	<i>Long-period performance of film</i>
JIS K 5600 Part 8 Section 1 to Section 6	<i>Evaluation of degradation of paint coatings</i>

JIS K 5600-1 consists of the following sections under the title of "Testing methods for paints—Part 1 : General rule".

JIS K 5600 Part 1 Section 1	<i>General test methods (conditions and methods)</i>
JIS K 5600 Part 1 Section 2	<i>Sampling of products</i>
JIS K 5600 Part 1 Section 3	<i>Examination and preparation of samples for testing</i>
JIS K 5600 Part 1 Section 4	<i>Standard panels for testing</i>
JIS K 5600 Part 1 Section 5	<i>Coating of test panel (brush application)</i>
JIS K 5600 Part 1 Section 6	<i>Temperatures and humidities for conditioning and testing</i>
JIS K 5600 Part 1 Section 7	<i>Determination of film thickness</i>
JIS K 5600 Part 1 Section 8	<i>Reference sample</i>

Date of Establishment: 1999-04-20

Date of Public Notice in Official Gazette: 1999-04-20

Investigated by: Japanese Industrial Standards Committee
Divisional Council on Chemical

JIS K 5600-1-3:1999, First English edition published in 2000-08

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

© JSA 2000

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

Testing methods for paints— Part 1 : General rule— Section 3 : Examination and preparation of samples for testing

Introduction This Japanese Industrial Standard has been prepared based on ISO 1513 *Paints and varnishes—Examination and preparation of samples for testing* issued in 1992 as the third edition without changing the technical contents.

The portions underlined with dots in this Standard are the matters not stated in the original International Standard.

1 Scope This Japanese Industrial Standard is one of a series of standards dealing with the sampling and testing of paints, varnishes and related products.

This Standard specifies both the procedure for preliminary examination of a single sample as received for testing, and the procedure for preparing a test sample by blending and reduction of a series of samples representative of a consignment or bulk of paint, varnish or related product, the samples of the product to be tested having been taken in accordance with JIS K 5600-1-2.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. If the indication of the year of coming into effect is given to these referred standards, only the edition of indicated year constitutes the provision of this Standard but the revision and amendment made thereafter are not applied. The normative reference without the indication of the year of coming into effect applies limiting only to the most recent edition (including the amendment).

JIS K 5600-1-2 Testing methods for paints—Part 1 : General rule—Section 3 : Sampling of products

Remarks : ISO 1512 : 1991, Paints and varnishes—Sampling of products in liquid or paste form is identical with the said standard.

ISO 565 : 1990 *Test sieves—Metal wire cloth, perforated metal plate and electro-formed sheet—Nominal sizes of openings*

3 Sample container

3.1 Condition of container Record any defects in the sample container or any visible leakage. If it is possible that the contents have been affected, the sample shall be rejected.

3.2 Opening of a container

WARNING : Some paints and related products (such as paint removers) are prone to develop gas or vapour pressure during storage. Care, appropriate to the situation, shall be taken in opening containers, particularly if bulging of the lid or the bottom of the container is observed.

If such phenomena occur, they shall be noted in the report (clause 10).