



JAPANESE
INDUSTRIAL
STANDARD

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JIS K 5600-7-4 : 1999

Testing methods for paints—
Part 7 : Long-period performance
of film—
Section 4 : Humidity and cool-heat
cycling test

ICS 87.040

Descriptors : paints, painting, membranes, chemical analysis and testing, durability,
endurance testing, damp-air tests

Reference number : JIS K 5600-7-4 : 1999 (E)

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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JIS K 5400 corresponding to this Standard will be withdrawn and replaced with this Standard in April 2002, at the time of three years passed after establishment of this Standard.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 5600-7 consists of the following sections under the title of "*Testing methods for paints—Part 7 : Long-period performance of film*".

JIS K 5600 Part 7 Section 1	<i>Resistance to neutral spray</i>
JIS K 5600 Part 7 Section 2	<i>Resistance to humidity (Continuous condensation)</i>
JIS K 5600 Part 7 Section 3	<i>Resistance to humidity (Intermittent condensation)</i>
JIS K 5600 Part 7 Section 4	<i>Humidity and cool-heat cycling test</i>
JIS K 5600 Part 7 Section 5	<i>Light fastness of film</i>
JIS K 5600 Part 7 Section 6	<i>Natural weathering test</i>
JIS K 5600 Part 7 Section 7	<i>Accelerated weathering (Exposure to filtered xenon-arc radiation)</i>
JIS K 5600 Part 7 Section 8	<i>Accelerated weathering (Exposure to fluorescent UV lamps)</i>

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