

Translated English of Chinese Standard: GB/T9265-2009

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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 87.040
G 50

GB/T 9265-2009

Replacing GB/T 9265-1988

Determination for Alkali Resistance of Film of Architectural Paints and Coatings

建筑涂料 涂层耐碱性的测定

Issued on: June 2, 2009

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Quarantine;

Standardization Administration of the People's Republic of
China.

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Foreword

This Standard serves as a replacement of GB/T 9265-1988 Determination for Alkali Resistance of Film of Architectural Paints and Coatings.

In comparison with the previous GB/T 9265-1988, there are the following main technical changes:

- The substrate of test panel is modified from asbestos cement board into non-asbestos fiber cement flat sheet;
- In the result of determination, a stipulation that when pathological phenomena (bubbles, stripping and pulverization, etc.) of coating emerge, it can be determined in accordance with GB/T 1766 is added.

This Standard was proposed by China Petroleum and Chemical Industry Federation.

This Standard shall be under the jurisdiction of National Technical Committee on Paints & Pigments of Standardization Administration of China.

The drafting organizations of this Standard: CNOOC Changzhou EP Coating Co., Ltd., Kunshan SUNMUN Technology.

The main drafters of this Standard: Wuxuan, Shi Yilei.

The release of previous versions of the standard replaced by this Standard is as follows:

- GB/T 9265-1988.

Determination for Alkali Resistance of Film of Architectural Paints and Coatings

1 Scope

This Standard specifies the method of determining alkali resistance (saturated calcium hydroxide solution) of film of architectural paints and coatings.

2 Normative References

Through the quotation in this Standard, the provisions in the following documents become provisions of this Standard. In terms of references with a specified date, all the subsequent modifications (excluding the corrected content) or modified versions are not applicable to this Standard. However, all parties that reach an agreement in accordance with this Standard are encouraged to explore the possibility of adopting the latest version of these documents. The latest version of references without a specified date is applicable to this Standard.

GB/T 1766 Paints and Varnishes - Rating Schemes of Degradation of Coats

GB/T 3186 Paints, Varnishes and Raw Materials for Paints and Varnishes - Sampling (GB/T 3186-2006, ISO 15528: 2000, IDT)

GB/T 6682 Water for Analytical Laboratory Use - Specification and Test Methods (GB/T 6682-2008, ISO 3696: 1987, MOD)

GB/T 9271 Paints and Varnishes - Standard Panels for Testing (GB/T 9271-2008, ISO 1514: 2004, MOD)

JC/T 412.1-2006 Fiber Cement Flat Sheets - Part 1: Non-asbestos Fiber Cement Flat Sheets

JG/T 23 The Preparation of Plate Specimens for Testing of Building Paints and Coatings

3 Sampling

In accordance with the stipulation in GB/T 3186, take representative samples from products being tested (or each type of products in a multi-coating system).

In accordance with the stipulation in JG/T 23, test and prepare the samples.

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