



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CHD20(26567)C

Date : 24 September 2024

**TECHNICAL COMMITTEE : Paints, Varnishes And Related Products, CHD 20**

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Paints, Varnishes And Related Products Sectional Committee, CHD 20. Please [click here](#) to view the document.

**Document Number : CHD 20 (26567) WC**

**Title of the document : AIR DRYING ENAMEL PAINT FOR ARCHITECTURAL AND INDUSTRIAL APPLICATIONS- SPECIFICATION Fifth Revision**

**Document Type : Revision of Indian Standard (IS 2932 : 2013)**

*This document has following salient features which may require specific attention for your valuable comments:*

- 1) This fifth revision has been undertaken to harmonize the Indian Standards on enamel paints with the current market demand and practices. During the review of all Indian Standards on enamel paints (excluding two-component enamel paints), it was observed that the requirements and applications across these standards were largely similar. Therefore, the committee has decided to harmonize the enamel standards broadly into two categories: one for air-drying enamel for architectural and industrial applications and another for stoving enamel for industrial applications.*
- 2) Accordingly, the title of this standard has been modified to air-drying enamel paint for architectural and industrial applications, and the requirements of the following ISs have been merged with this standard: • IS 2933: 2013 - Enamel, Synthetic, Exterior: (a) Undercoating (b) Finishing – Specification • IS 133: 2023 - Enamel, Interior - Undercoating and Finishing - Specification • IS 8662: 2004 - Enamel, synthetic, exterior (a) undercoating (b) finishing for exterior of railway coaches- Specification • IS 14947: 2001 – Enamel Synthetic, oil resistant, air drying-Specification • IS 9034:*

*2018 - Enamel, synthetic, exterior, air drying, for use on primed surfaces of motor vehicles and other equipment - Specification*

*3) Additionally following major changes have been made; a) The scope of the standard has been updated to include the scopes of all ISs above. b) The product has been categorized into types based on application (interior and exterior) and classes based on undercoating and finishing. c) Recognizing the time constraints associated with the 12-month outdoor exposure test for durability requirements, and considering the availability of advanced simulation technologies like QUV and Xenon Arc accelerated test methods, the need for the extended outdoor exposure has been withdrawn. Additionally, test methods for evaluating the degradation of coatings have been prescribed. d) To make the standard performance-oriented, the requirement for synthetic resin and the synthetic terminology from the title has been removed. e) New requirements have been incorporated, including specifications for volatile organic compounds (VOC), water resistance, and ratings for coating degradation after*

Please examine the document and share your comments regarding further improvement in the document.

**Last date for sharing the comments is : 27 November 2024**

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at [chd@bis.gov.in](mailto:chd@bis.gov.in) to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,  
(AJAY KUMAR LAL)  
Head (Chemical Department)  
Email: [chd@bis.gov.in](mailto:chd@bis.gov.in)**



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : CHD20(26567)C

दिनांक : 24-09-2024

**तकनीकी समिति : Paints, Varnishes And Related Products Sectional Committee, CHD 20**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : CHD 20 (26567) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

**सम्मतियाँ भेजने की अंतिम तिथि : 27 November 2024**

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,  
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