



**International  
Standard**

**ISO 3549**

**Zinc dust pigments for paints —  
Specifications and test methods**

*Pigments à base de poussière de zinc pour peintures —  
Spécifications et méthodes d'essai*

**Third edition  
2024-02**

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## Foreword

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This document was prepared by Technical Committee ISO/TC 256, *Pigments, dyestuffs and extenders*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 298, *Pigments and extenders*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 3549:1995), which has been technically revised.

The main changes are as follows:

- the maximum residue on the 45 µm sieve has been changed from 5 % mass fraction to 0,5 % mass fraction;
- three types of zinc dust pigments (I, II and III) have been introduced with different requirements;
- inductively coupled plasma-optical emission spectroscopy (ICP-OES) has been added as an analytical technique used for elemental analysis;
- the nominal size of sieve aperture has been changed from 125 µm – 90 µm – 45 µm to 125 µm – 75 µm – 45 µm;
- CAS Registry Numbers® have been added to the reagents;
- the normative references have been updated;
- a bibliography has been added.

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