



# SLOVENSKI STANDARD SIST EN ISO 3549:2024

01-april-2024

Nadomešča:  
SIST EN ISO 3549:2003

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**Cinkovi pigmenti v prahu za barve - Specifikacije in preskusne metode (ISO 3549:2024)**

Zinc dust pigments for paints - Specifications and test methods (ISO 3549:2024)

Zinkstaub-Pigmente für Beschichtungsstoffe - Anforderungen und Prüfverfahren (ISO 3549:2024)

Pigments à base de poussière de zinc pour peintures - Spécifications et méthodes d'essai (ISO 3549:2024)

**Ta slovenski standard je istoveten z: EN ISO 3549:2024**

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**ICS:**

87.060.10      Pigmenti in polnila                      Pigments and extenders

**SIST EN ISO 3549:2024**                      **en,fr,de**



EUROPEAN STANDARD

EN ISO 3549

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2024

ICS 87.060.10

Supersedes EN ISO 3549:2002

English Version

## Zinc dust pigments for paints - Specifications and test methods (ISO 3549:2024)

Pigments à base de poussière de zinc pour peintures -  
Spécifications et méthodes d'essai (ISO 3549:2024)

Zinkstaub-Pigmente für Beschichtungsstoffe -  
Anforderungen und Prüfverfahren (ISO 3549:2024)

This European Standard was approved by CEN on 20 January 2024.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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## European foreword

This document (EN ISO 3549:2024) has been prepared by Technical Committee ISO/TC 256 "Pigments, dyestuffs and extenders" in collaboration with Technical Committee CEN/TC 298 "Pigments and extenders" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2024, and conflicting national standards shall be withdrawn at the latest by August 2024.

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The text of ISO 3549:2024 has been approved by CEN as EN ISO 3549:2024 without any modification.

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**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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Phone: +41 22 749 01 11  
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Published in Switzerland

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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  $\mu\text{m}$  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  $\mu\text{m}$  – 90  $\mu\text{m}$  – 45  $\mu\text{m}$  to 125  $\mu\text{m}$  – 75  $\mu\text{m}$  – 45  $\mu\text{m}$ ;
- CAS Registry Numbers<sup>®</sup> have been added to the reagents;
- the normative references have been updated;
- a bibliography has been added.

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