



**SLOVENSKI STANDARD**  
**kSIST FprEN ISO 8130-4:2010**  
**01-junij-2010**

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**Praškasti premazi - 4. del: Izračun spodnje meje eksplozivnosti (ISO 8130-4:1992, vključno s popravkom Cor 1:1993)**

Coating powders - Part 4: Calculation of lower explosion limit (ISO 8130-4:1992, including Cor 1:1993)

Pulverlacke - teil 4: Berechnung der unteren Zündgrenze (ISO 8130-4:1992, einschließlich Cor 1:1993)

Poudres pour revêtement - Partie 4: Calcul de la limite inférieure d'explosibilité (ISO 8130-4:1992, Cor 1:1993 inclus)

**Ta slovenski standard je istoveten z: FprEN ISO 8130-4**

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**ICS:**

87.040

Barve in laki

Paints and varnishes

**kSIST FprEN ISO 8130-4:2010**

**en**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**FINAL DRAFT**  
**FprEN ISO 8130-4**

April 2010

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ICS 87.040

English Version

## Coating powders - Part 4: Calculation of lower explosion limit (ISO 8130-4:1992, including Cor 1:1993)

Poudres pour revêtement - Partie 4: Calcul de la limite inférieure d'explosibilité (ISO 8130-4:1992, Cor 1:1993 inclus)

Pulverlacke - teil 4: Berechnung der unteren Zündgrenze (ISO 8130-4:1992, einschließlich Cor 1:1993)

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If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

**Contents**

Page

Foreword.....**3**

## Foreword

The text of ISO 8130-4:1992, including Cor 1:1993 has been prepared by Technical Committee ISO/TC 35 “Paints and varnishes” of the International Organization for Standardization (ISO) and has been taken over as FprEN ISO 8130-4:2010 by Technical Committee CEN/TC 139 “Paints and varnishes” the secretariat of which is held by DIN.

This document is currently submitted to the Unique Acceptance Procedure.

### Endorsement notice

The text of ISO 8130-4:1992, including Cor 1:1993 has been approved by CEN as a FprEN ISO 8130-4:2010 without any modification.



# INTERNATIONAL STANDARD

**ISO**  
**8130-4**

First edition  
1992-12-01

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**Coating powders —**

**Part 4:**

Calculation of lower explosion limit

*Poudres pour revêtement —*

*Partie 4: Calcul de la limite inférieure d'explosibilité*



Reference number  
ISO 8130-4:1992(E)

**ISO 8130-4:1992(E)****Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8130-4 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Sub-Committee SC 9, *General test methods for paints and varnishes*.

ISO 8130 consists of the following parts, under the general title *Coating powders*:

- *Part 1: Determination of particle size distribution by sieving*
- *Part 2: Determination of density by gas comparison pycnometer (referee method)*
- *Part 3: Determination of density by liquid displacement pycnometer*
- *Part 4: Calculation of lower explosion limit*
- *Part 5: Determination of flow properties of a powder/air mixture*
- *Part 6: Determination of gel time of thermosetting coating powders at a given temperature*
- *Part 7: Determination of loss of mass on stoving*
- *Part 8: Assessment of the storage stability of thermosetting powders*

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