



# SLOVENSKI STANDARD SIST EN ISO 8130-4:2012

01-november-2012

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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)

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**Ta slovenski standard je istoveten z: EN ISO 8130-4:2010**

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**ICS:**

87.040

Barve in laki

Paints and varnishes

**SIST EN ISO 8130-4:2012**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 8130-4**

November 2010

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)

This European Standard was approved by CEN on 16 October 2010.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

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## 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 EN ISO 8130-4:2010 by Technical Committee CEN/TC 139 "Paints and varnishes" 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 May 2011, and conflicting national standards shall be withdrawn at the latest by May 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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

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# INTERNATIONAL STANDARD

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

First edition  
1992-12-01

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## Coating powders —

### Part 4:

Calculation of lower explosion limit

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*Poudres pour revêtement —*

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

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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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— *Part 9: Sampling*

Annex A of this part of ISO 8130 is for information only.

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