



SLOVENSKI STANDARD
kSIST FprEN ISO 8130-8:2010
01-junij-2010

Praškasti premazi - 8. del: Ugotavljanje stabilnosti termoreaktivnih praškov pri skladiščenju (ISO 8130-8:1994)

Coating powders - Part 8: Assessment of the storage stability of thermosetting powders (ISO 8130-8:1994)

Pulverlacke - Teil 8: Beurteilung der Lagerbeständigkeit von wärmehärtenden Pulverlacken (ISO 8130-8:1994)

Poudres pour revêtement - Partie 8: Estimation de la stabilité au stockage des poudres thermodurcissables (ISO 8130-8:1994)

Ta slovenski standard je istoveten z: FprEN ISO 8130-8

ICS:

87.040 Barve in laki Paints and varnishes

kSIST FprEN ISO 8130-8:2010 en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
FprEN ISO 8130-8

April 2010

ICS 87.040

English Version

Coating powders - Part 8: Assessment of the storage stability of thermosetting powders (ISO 8130-8:1994)

Poudres pour revêtement - Partie 8: Estimation de la
stabilité au stockage des poudres thermodurcissables (ISO
8130-8:1994)

Pulverlacke - Teil 8: Beurteilung der Lagerbeständigkeit von
wärmehärtenden Pulverlacken (ISO 8130-8:1994)

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 139.

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

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Contents	Page
Foreword.....	3

iTeh STANDARD PREVIEW
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SIST EN ISO 8130-8:2013

<https://standards.iteh.ai/catalog/standards/sist/d8ac8ff2-cfe3-4100-9a5f-96246f4d814c/sist-en-iso-8130-8-2013>

Foreword

The text of ISO 8130-8:1994 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 8130-8:2010 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 8130-8:1994 has been approved by CEN as a FprEN ISO 8130-8:2010 without any modification.

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INTERNATIONAL
STANDARD

ISO
8130-8

First edition
1994-08-15

Coating powders —

Part 8:

Assessment of the storage stability of
thermosetting powders

Poudres pour revêtement —

*Partie 8: Estimation de la stabilité au stockage des poudres
thermodurcissables*

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Reference number
ISO 8130-8:1994(E)

ISO 8130-8:1994(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 8130-8 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee 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 pyknometer (referee method)*
- *Part 3: Determination of density by liquid displacement pyknometer*
- *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*
- *Part 10: Determination of deposition efficiency*
- *Part 11: Inclined plane flow test*
- *Part 12: Compatibility*
- *Part 13: Terms and definitions*

Annexes A and B form an integral part of this part of ISO 8130.

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Introduction

Coating powders are subject to two distinct ageing mechanisms: one involving the physical state of the powder and the other its chemical reactivity. Changes in the coating powder may lead to deterioration in the physical and chemical properties of the final coating.

This part of ISO 8130 describes the procedures to be adopted in assessing the tendency of a thermosetting coating powder to maintain its physical and chemical integrity after being subjected to defined storage conditions.

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