



SLOVENSKI STANDARD
SIST EN 12271-3:2002

01-september-2002

Površinske prevleke – Specifikacije - 3. del: Količina pobrizga veziva in posipa drobirja

Surface dressing - Specifications - Part 3: Rate of spread and accuracy of spread of binders and chippings

Oberflächenbehandlung - Anforderungen - Teil 3: Dosierung und Querverteilung von Bindemitteln und Splitt

Enduits superficiels d'usure - Spécifications - Partie 3: Taux d'épandage et régularité transversale du liant et des gravillons

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Ta slovenski standard je istoveten z: EN 12271-3:2002

ICS:

93.080.20 Materiali za gradnjo cest Road construction materials

SIST EN 12271-3:2002 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 12271-3

February 2002

ICS 93.080.20

English version

Surface dressing - Specifications - Part 3: Rate of spread and accuracy of spread of binders and chippings

Enduits superficiels d'usure - Spécifications - Partie 3: Taux d'épandage et régularité transversale du liant et des gravillons

Oberflächenbehandlung - Anforderungen - Teil 3: Dosierung und Querverteilung von Bindemitteln und Splitt

This European Standard was approved by CEN on 9 November 2001.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, 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

This document EN 12271-3 has been prepared by Technical Committee CEN/TC 227 "Road materials", 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 2002, and conflicting national standards shall be withdrawn at the latest by June 2004.

This European Standard is one of a series of standards as listed below:

prEN 12271-1¹⁾, *Surface dressing – Specifications – Part 1: Binders.*

prEN 12271-2, *Surface dressing – Specifications – Part 2: Chippings.*

EN 12271-3, *Surface dressing – Specifications – Part 3: Rate of spread and accuracy of spread of binders and chippings.*

prEN 12271-4, *Surface dressing – Specifications – Part 4: Visual assessment of defects.*

prEN 12271-5, *Surface dressing – Specifications – Part 5: Binder-aggregates adhesivity.*

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

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¹⁾ In preparation.

EN 12271-3:2002 (E)**1 Scope**

This European Standard specifies the classes of limit deviations for the rate of spread of binder and chippings to be applied to the design of a surface dressing and sets limits for coefficients of variation for the accuracy of transverse distribution of binder and chippings.

This European Standard is applicable to surface dressings for roads, airfields and other trafficked areas.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

prEN 12272-1:2001, *Surface dressing - Test method - Part 1: Rate of spread and accuracy of spread of binders and chippings*.

3 Specifications for application of binder**3.1 Limit deviations to be applied to the rate of spread**

The rate of spread, determined in accordance with prEN 12272-1:2001, clause 4, shall be within the following limit deviations:

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- class 2: $\pm 5\%$;
 - class 1: $\pm 10\%$;
 - class 0: No requirement.

3.2 Coefficients of variation for accuracy of the transverse distribution

The coefficients of variation, cv , for the accuracy of transverse distribution, determined in accordance with prEN 12272-1:2001, clause 6, shall be:

- class 2: $cv < 10\%$;
- class 1: $cv < 15\%$;
- class 0: No requirement.

4 Specifications for application of chippings

4.1 Limit deviations to be applied to the rate of spread

The rate of spread, determined in accordance with prEN 12272-1:2001, clause 5, shall be within the following limit deviations:

- class 2: $\pm 5\%$;
- class 1: $\pm 10\%$;
- class 0: No requirement.

4.2 Coefficients of variation for accuracy of the transverse distribution

The coefficients of variation, cv , for the accuracy of transverse distribution, determined in accordance with prEN 12272-1:2001, clause 7, shall be:

- class 2: $cv < 10\%$;
- class 1: $cv < 15\%$;
- class 0: No requirement.

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