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Údarás um Chaighdeáin Náisiúnta na hÉireann

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ICS 93.080.20

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SLURRY SURFACING - REQUIREMENTS

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EUROPEAN STANDARD

EN 12273

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2008

ICS 93.080.20

English Version

Slurry surfacing - Requirements

Matériaux Bitumineux coulés à froid - Spécifications

Dünne Asphaltdeckschichten in Kaltbauweise -
Anforderungen

This European Standard was approved by CEN on 23 February 2008.

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Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Symbols	6
5 Requirements	6
5.1 Constituent materials	6
5.1.1 General	6
5.1.2 Binders	7
5.1.3 Aggregates	7
5.1.4 Grading curves	7
5.2 Slurry surfacing	7
5.2.1 Defects as determined by visual assessment	7
5.2.2 Skid resistance	7
5.2.3 Characterising noise generation (other characteristics)	10
5.3 Durability	10
5.3.1 General	10
5.3.2 Skid resistance	10
5.3.3 Bond	10
6 Evaluation of conformity	10
Annex A (normative) Factory Production Control (FPC)	11
A.1 General	11
A.2 General requirements	11
A.3 Product specific requirements	12
Annex B (normative) Minimum test frequencies for Factory Production Control (FPC)	16
Annex C (normative) Type Approval Installation Trial (TAIT)	20
C.1 General	20
C.2 Requirements	20
C.3 Records	20
C.4 Information availability	21
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Product Directive	22
ZA.1 Scope and relevant characteristics	22
ZA.2 Procedure for attestation of conformity of slurry surfacing	24
ZA.3 CE marking and labelling	25
Bibliography	29

Foreword

This document (EN 12273:2008) 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of an identical text or by endorsement, at the latest by October 2008, and conflicting national standards shall be withdrawn at the latest by January 2010.

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For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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1 Scope

This European Standard specifies the performance requirements and control procedures for the installation of slurry surfacing as a product for the surface treatment of roads and other trafficked areas (e.g. footways, cycleways).

This European Standard is not designed for small areas of slurry surfacing on roads that are less than 500 m² which are not contiguous (for example minor repairs).

This European Standard does not apply to slurry surfacing designed by the purchaser.

This European Standard is not applicable to slurry surfacing carried out in tunnels in terms of reaction to fire. No such regulations have yet been identified, nor is there any method of classification of reaction to fire.

NOTE Member States can call up the technical requirements of this European Standard for use in tunnels.

This European Standard is not designed for pavements that are covered by international regulations, for example, International Civil Aviation Organisation (ICAO) regulations (airfields).

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 58, *Bitumen and bituminous binders — Sampling bitumen binders*

EN 933-1, *Tests for geometrical properties of aggregates — Part 1: Determination of particle size distribution — Sieving method*

EN 933-8, *Tests for geometrical properties of aggregates — Part 8: Assessment of fines — Sand equivalent test*

EN 933-9, *Tests for geometrical properties of aggregates — Part 9: Assessment of fines — Methylene blue test*

EN 1097-5, *Tests for mechanical and physical properties of aggregates — Part 5: Determination of the water content by drying in a ventilated oven*

EN 12274-2, *Slurry surfacing — Test methods — Determination of residual binder content*

EN 12274-6, *Slurry surfacing — Test methods — Rate of application*

EN 12274-8, *Slurry surfacing — Test methods — Visual assessment of defects*

EN 13036-1:2001, *Road and airfield surface characteristics — Test methods — Part 1: Measurement of pavement surface macrotexture depth using a volumetric patch technique*

EN 13043, *Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas*

EN 13808, *Bitumen and bituminous binders — Framework for specifying cationic bituminous emulsions*

EN ISO 9001:2000, *Quality management systems — Requirements (ISO 9001:2000)*

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