
Slurry surfacing — Test methods —

Part 1: Sampling for binder extraction

The European Standard EN 12274-1:2002 has the status of a
British Standard

ICS 93.080.20

National foreword

This British Standard is the official English language version of EN 12274-1:2002.

The UK participation in its preparation was entrusted by Technical Committee B/510, Road materials, to Subcommittee B/510/2, Surface dressing, sprays and slurry surfacing, which has the responsibility to:

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This British Standard, having been prepared under the direction of the Building and Civil Engineering Sector Policy and Strategy Committee, was published under the authority of the Standards Policy and Strategy Committee on 5 February 2002

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 5 and a back cover.

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Amendments issued since publication

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English version

Slurry surfacing - Test methods - Part 1: Sampling for binder extraction

Matériaux bitumineux coulés à froid - Méthodes d'essai -
Partie 1: Echantillonnage en vue de l'extraction du liant

Dünne Asphalttschicht in Kaltbauweise - Prüfverfahren - Teil
1: Probenahme für Extraktionsverfahren

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Foreword

This European Standard 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of an identical text or by endorsement, at the latest by July 2002, and conflicting national standards shall be withdrawn at the latest by June 2004.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:

EN 12274-1, Slurry surfacing Test methods Part 1: Sampling for binder extraction

EN 12274-2, Slurry surfacing Test methods Part 2: Determination of residual binder content

EN 12274-3, Slurry surfacing Test methods Part 3: Consistency

EN 12274-4, Slurry surfacing Test methods Part 4: Determination of cohesion of the mix

EN 12274-5, Slurry surfacing Test methods Part 5: Determination of wearing

EN 12274-6, Slurry surfacing Test methods Part 6: Rate of application

EN 12274-7, Slurry surfacing Test methods Part 7: Shaking abrasion test in suitability of mineral aggregates to slurry mixes¹

EN 12274-8, Slurry surfacing Test methods Part 8: Visual assessment¹

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, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

¹ In preparation.

1 Scope

This European Standard specifies a method for sampling of slurry mixtures for extraction tests.

The Standard applies to slurry surfacings for roads, airfields and other trafficked areas.

2 Apparatus

2.1 Plastic container with a capacity of at least 3 l.

2.2 Stirring rod, with a diameter of 20 mm to 30 mm and a suitable length.

3 Procedure

3.1 All samples of the slurry mixture shall be taken at the slurry mixer discharger. No sample shall be taken until the mixer has been operating at least 30 min and the slurry mixture has a homogeneous appearance.

3.2 At the time of sampling ensure a full flow discharge of slurry mixture in one steady stream.

3.3 Take the sample by passing the container through the full width of the discharging mixture and obtaining at least 2 l of the mix without overfilling the container.

3.4 Continuously stir the sample until the emulsion has broken to ensure all the aggregate particles remain in

suspension.

4 Sampling report

The sampling report shall contain:

- a) statement that the sampling has been performed in accordance with this European Standard;
- b) location of sampling;
- c) date and time of sampling;
- d) type of slurry surfacing;
- e) weather conditions;
- f) remarks;
- g) name and signature of person conducting sampling.

Bibliography

- [1] ISSA A 101, Guide for sampling of the slurry mix for extraction tests

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