

## DIN EN ISO 13473-5



ICS 93.080.20

Supersedes  
DIN ISO 13473-5:2009-10

**Characterization of pavement texture by use of surface profiles –  
Part 5: Determination of megatexture (ISO 13473-5:2009)  
English translation of DIN EN ISO 13473-5:2010-04**

Charakterisierung der Textur von Fahrbahnbelägen unter Verwendung von  
Oberflächenprofilen –

Teil 5: Bestimmung der Megatextur (ISO 13473-5:2009)

Englische Übersetzung von DIN EN ISO 13473-5:2010-04

Caractérisation de la texture d'un revêtement de chaussée à partir de relevés de profils de  
la surface –

Partie 5: Détermination de la mégatexture (ISO 13473-5:2009)

Traduction anglaise de DIN EN ISO 13473-5:2010-04

Document comprises 37 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



*A comma is used as the decimal marker.*

## National foreword

This standard has been prepared by Technical Committee ISO/TC 43 “Acoustics”, Subcommittee SC 1 “Noise” (Secretariat: DS, Denmark), Working Group WG 39 “Measurement of pavement surface macrotexture depth using a profiling method” in collaboration with Technical Committee CEN/TC 227 “Road materials” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Akustik, Lärminderung und Schwingungstechnik im DIN und VDI* (Acoustics, Noise Control and Vibration Engineering Standards Committee in DIN and VDI), Working Committees NA 001-01-05 AA *Geräuschemissionsmessung an Fahrzeugen einschließlich Messung im Fahrgastraum und am Arbeitsplatz* and NA 001-01-05-03 UA *Straßenfahrzeuge — Kenngrößen*.

Prior to its adoption as a European Standard, this part of ISO 13473 was published as DIN ISO 13473-5:2009. The latter standard is being withdrawn upon the publication of DIN EN ISO 13473-5:2010-04. ISO 13473-5:2009 has been adopted by CEN in its entirety and without any modifications.

DIN EN ISO 13473 consists of the following parts, under the general title *Characterization of pavement texture by use of surface profiles*:

- ISO 13473-1: DIN EN ISO 13473-1, *Determination of Mean Profile Depth*
- ISO 13473-2: DIN ISO 13473-2, *Terminology and basic requirements related to pavement texture profile analysis*
- ISO 13473-3: DIN ISO 13473-3, *Specification and classification of profilometers*
- ISO/TS 13473-4: DIN ISO/TS 13473-4, *Spectral analysis of surface profiles* [Technical Specification]
- ISO 13473-5: DIN EN ISO 13473-5, *Determination of megatexture*

The DIN Standards corresponding to the International Standards referred to in this document are as follows:

|                    |                 |
|--------------------|-----------------|
| IEC 61260          | DIN EN 61260    |
| ISO/IEC Guide 98-3 | DIN V ENV 13005 |
| ISO 10844          | DIN ISO 10844   |

## Amendments

Compared with DIN ISO 13473-5:2009-10, no changes have been made to the content of the standard.

## Previous editions

DIN ISO 13473-5: 2009-10

## National Annex NA (informative)

### Bibliography

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

E DIN EN 13036-5, *Road and airfield surface characteristics — Test methods — Part 5: Determination of longitudinal unevenness indices*

DIN EN 61260, *Electroacoustics — Octave-band and fractional-octave-band filters*

DIN V ENV 13005, *Guide to the expression of uncertainty in measurement*

DIN ISO 10844, *Acoustics — Specifications of test tracks for the purpose of measuring noise emitted by road vehicles*

DIN EN ISO 13473-1, *Characterization of pavement texture by use of surface profiles — Part 1: Determination of Mean Profile Depth*

DIN ISO 13473-2:2004, *Characterization of pavement texture by use of surface profiles — Part 2: Terminology and basic requirements related to pavement texture profile analysis*

DIN ISO 13473-3:2004, *Characterization of pavement texture by use of surface profiles — Part 3: Specifications and classification of profilometers*

DIN ISO/TS 13473-4:2009, *Characterization of pavement texture by use of surface profiles — Part 4: Spectral analysis of surface profiles*

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