

Road and airfield surface characteristics — Test methods —

**Part 6: Measurement of transverse
and longitudinal profiles in the
evenness and megatexture
wavelength ranges**

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National foreword

This British Standard is the UK implementation of EN 13036-6:2008.

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A list of organizations represented on this committee can be obtained on request to its secretary.

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transversaux et longitudinaux dans le domaine de
longueurs d'onde correspondant à l'uni et à la mégatexture

Oberflächeneigenschaften von Straßen und Flugplätzen -
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Längsprofile in den Wellenlängen der Ebenheit und der
Megatextur

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Foreword

This document (EN 13036-6:2008) 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of an identical text or by endorsement, at the latest by September 2008, and conflicting national standards shall be withdrawn at the latest by September 2008.

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Introduction

This European Standard details the criteria for classifying profilometers according to profiling capabilities as well as the procedures for measuring transverse and longitudinal profiles in the evenness and megatexture wavelength ranges, independent of the test method and the equipment used.

The requirements regarding the performance of the measurement shall be independent of the measurement method used. This basic principle permits the development of new technologies and a variety of measurement devices without the need to modify this standard.

This European Standard is restricted to requirements about measurement specifications (e.g. accuracy, resolution, wavelength range).

Compliance with the requirements and classifications outlined in this standard will result in a geometrical representation of a profile intended to be used for research purposes or for further analysis aiming at summary indices for transverse profiles and/or longitudinal profiles in the evenness and megatexture wavelength ranges.

Evenness of pavements is important for reasons of safety, comfort and behaviour of vehicles, (pay)loads, road and bridge constructions, fuel consumption, etc.

Evenness demands are related to the speed limits, the kind of traffic, the climatic conditions, the accepted comfort limits, etc.