

**SLOVENSKI STANDARD****SIST EN 13036-8:2025****01-september-2025****Nadomešča:****SIST EN 13036-8:2009**

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**Značilnosti cestnih in letaliških površin - Preskusne metode - 8. del: Določanje indeksov prečne neravnosti in prečnega nagiba**

Road and airfield surface characteristics - Test methods - Part 8: Determination of transverse unevenness and crossfall indices

Oberflächeneigenschaften von Straßen und Flugplätzen - Prüfverfahren - Teil 8: Bestimmung von Querunebenheit und Querneigung

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Caractéristiques de surface des routes et aérodromes - Méthodes d'essais - Partie 8 : Détermination des indices d'un transversal et de dévers

**Ta slovenski standard je istoveten z: EN 13036-8:2025**

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**ICS:**

17.040.20	Lastnosti površin	Properties of surfaces
93.080.10	Gradnja cest	Road construction
93.120	Gradnja letališč	Construction of airports

**SIST EN 13036-8:2025****en,fr,de**



**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 13036-8**

July 2025

ICS 93.080.10

Supersedes EN 13036-8:2008

English Version

**Road and airfield surface characteristics - Test methods -  
 Part 8: Determination of transverse unevenness and  
 crossfall indices**

Caractéristiques de surface des routes et aérodromes -  
 Méthodes d'essais - Partie 8 : Détermination des  
 indices d'un transversal et de dévers

Oberflächeneigenschaften von Straßen und  
 Flugplätzen - Prüfverfahren - Teil 8: Bestimmung von  
 Indizes für die Querunebenheit und die Querneigung

This European Standard was approved by CEN on 9 June 2025.

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 CEN-CENELEC Management Centre or to any CEN member.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (EN 13036-8:2025) has been prepared by Technical Committee CEN/TC 227 "Road materials", the secretariat of which is held by BSI- British Standards Institution.

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 January 2026, and conflicting national standards shall be withdrawn at the latest by January 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document will supersede EN 13036-8:2008.

EN 13036-8:2025 includes the following significant technical changes with respect to EN 13036-8:2008:

- the title of the document has changed from *Determination of transverse unevenness* to *Determination of transverse unevenness and crossfall indices*;
- routines for pre-processing the transverse profile before calculating the indices;
- the standard includes procedures to calculate transversal unevenness for profilometers with a densely collected transverse profile;
- the standard contains more possibilities to characterize the transversal unevenness and crossfall. The calculation routines for all indices have been updated and better described:
  - two additional principles to describe the rut depth are added, sliding wire rut depth and total transverse unevenness;
  - one additional principle to describe crossfall is added, crossfall line;
  - the definition of Edge slump is updated;
  - distance between rut buttons is added;
  - rut width is added;
  - rut area is added;
  - water area is added;
  - step height has been removed;
  - a link to an implementation guide to calculate the indices has been added.

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**EN 13036-8:2025 (E)**

EN 13036 consists of the following parts, under the general title *Road and airfield surface characteristics*  
— *Test methods*:

- *Part 1: Measurement of pavement surface macrotexture depth using a volumetric patch technique*
- *Part 2: Assessment of the skid resistance of a road pavement surface by the use of dynamic measuring systems<sup>1</sup>*
- *Part 3: Measurement of pavement surface horizontal drainability*
- *Part 4: Method for measurement of slip/skid resistance of a surface: the pendulum test*
- *Part 5: Determination of longitudinal unevenness indices*
- *Part 6: Measurement of transverse and longitudinal profiles in the evenness and megatexture wavelength ranges*
- *Part 7: Irregularity measurement of pavement courses: the straightedge test*
- *Part 8: Determination of transverse unevenness and crossfall indices*

Any feedback and questions on this document should be directed to the users' national standards body.  
A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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<sup>1</sup> Part 2 is available as a CEN/TS.