



NSAI
Standards

Irish Standard
I.S. EN 12697-36:2022

Bituminous mixtures - Test methods - Part 36: Determination of the thickness of bituminous pavement

I.S. EN 12697-36:2022

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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This document is based on:

EN 12697-36:2022

Published:

2022-04-06

This document was published under the authority of the NSAI and comes into effect on:

2022-04-24

ICS number:

93.080.20

NOTE: If blank see CEN/CENELEC cover page

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National Foreword

I.S. EN 12697-36:2022 is the adopted Irish version of the European Document EN 12697-36:2022, Bituminous mixtures - Test methods - Part 36: Determination of the thickness of bituminous pavement

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EUROPEAN STANDARD

EN 12697-36

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2022

ICS 93.080.20

Supersedes EN 12697-36:2003

English Version

Bituminous mixtures - Test methods - Part 36: Determination of the thickness of bituminous pavement

Mélanges bitumineux - Méthodes d'essai - Partie 36 :
Méthode d'évaluation d'épaisseur d'un revêtement
bitumineux

Asphalt - Prüfverfahren - Teil 36: Bestimmung der
Dicke von Asphalt-Konstruktionen

This European Standard was approved by CEN on 21 February 2022.

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.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 12697-36:2022) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by BSI.

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 2022, and conflicting national standards shall be withdrawn at the latest by October 2022.

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 supersedes EN 12697-36:2003.

The main changes compared to the previous edition are listed below:

- the title no longer refers to hot mix asphalt;
- general editorial update according to current standard template;
- addition of Clause 2. Normative references according to CEN/CENELEC Internal Regulations, Part 3:2019;
- addition of Clause 3. Terms and definitions according to CEN/CENELEC Internal Regulations, Part 3:2019;
- Clause 4, title amended to “Apparatus” due to the introduction of Clause 2 and 3;
- Clause 4, introduction of Figure 1. Example of calliper with one extended leg;
- 4.4, NOTE has been transformed into main text;
- Clause 5, amended title to “Test specimens” due to the introduction of Clause 2 and 3;
- Clause 5, NOTE has been transformed into main text;
- Clause 6, title amended to “Procedure” due to the introduction of Clause 2 and 4;
- 6.1.4, NOTE has been transformed into main text;
- 6.2, editorial corrections of keys to Figure 3 and Figure 4;
- addition of Clause 7. Test report, due to the introduction of Clause 2 and 3;
- Clause 7, revision of data to be reported according to CEN/CENELEC Internal Regulations, Part 3:2019;
- addition of Clause 8. Precision, due to the introduction of Clause 2 and 3.

A list of all parts in the EN 12697 series can be found on the CEN website.

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, Turkey and the United Kingdom.

EN 12697-36:2022 (E)**1 Scope**

This document describes two test methods for determining the thickness of bituminous pavement. The first method describes measurements carried out on one or more cores which have been drilled from the full depth of the slab or road structure (destructive method). The second method electro-magnetic (non-destructive) measurement are used.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 Apparatus

4.1 Metal rule or tape with a maximum permissible error of 1 mm.

4.2 Calliper gauge with a maximum permissible error of 1 mm.

To facilitate the thickness measurement of cores with multiple layers, a calliper gauge with one extended leg can be used. See Figure 1.

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