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Road traffic noise reducing devices - Non-acoustic performance - Part 2: Methods of determination of the general safety and environmental characteristics

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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EN 1794-2

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English Version

**Road traffic noise reducing devices - Non-acoustic
performance - Part 2: Methods of determination of the
general safety and environmental characteristics**

Dispositifs de réduction du bruit du trafic routier -
Performances non acoustiques - Partie 2 : Méthodes de
détermination des caractéristiques générales de
sécurité et des caractéristiques environnementales

Lärmschutzeinrichtungen an Straßen - Nichtakustische
Eigenschaften - Teil 2: Methoden zur Bestimmung der
allgemeinen Sicherheits- und Umweltmerkmale

This European Standard was approved by CEN on 12 August 2024.

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

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EN 1794-2:2024 (E)**European foreword**

This document (EN 1794-2:2024) has been prepared by Technical Committee CEN/TC 226 “Road equipment”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by April 2025, and conflicting national standards shall be withdrawn at the latest by April 2025.

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 1794-2:2020.

EN 1794-2:2024 includes the following significant technical changes with respect to EN 1794-2:2020:

- The annexes were renumbered. Annex A now includes the safety in case of brushwood fire.

This document is part of the EN 1794 series, which consists of the following parts under the general title “Road traffic noise reducing devices — Non-acoustic performance”:

- *Part 1: Methods of determination of the mechanical and stability characteristics;*
- *Part 2: Methods of determination of the general safety and environmental characteristics.*

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.

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Introduction

While performing their primary function, road traffic noise reducing devices should not pose hazards to road users or other people in the vicinity or to the environment at large. Noise reducing devices should not reflect light in such a way as to prejudice road safety. They should be made from materials which do not emit noxious fumes or leachates as the result of natural or industrial processes, or as the result of fire. Noise reducing devices should allow a means of escape by road users and access by operatives in the event of an emergency or for maintenance.

EN 1794-2:2024 (E)**1 Scope**

This document specifies methods and criteria for assessing the general safety and environmental performance of road traffic noise reducing devices under typical roadside conditions. Appropriate test methods are provided where these are necessary. The treatment of each topic is covered separately in Annexes A to F.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1794-1:2024, *Road traffic noise reducing devices — Non-acoustic performance — Part 1: Mechanical performance and stability characteristics*

EN ISO 2813:2014, *Paints and varnishes - Determination of gloss value at 20°, 60° and 85° (ISO 2813:2014)*

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