

DIN EN 1793-2

DIN

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Supersedes  
DIN EN 1793-2:2018-08

**Road traffic noise reducing devices –  
Test method for determining the acoustic performance –  
Part 2: Intrinsic characteristics of airborne sound insulation under diffuse  
sound field conditions;  
English version EN 1793-2:2018,  
English translation of DIN EN 1793-2:2019-05**

Lärmschutzvorrichtungen an Straßen –  
Prüfverfahren zur Bestimmung der akustischen Eigenschaften –  
Teil 2: Produktspezifische Merkmale der Luftschalldämmung in diffusen Schallfeldern;  
Englische Fassung EN 1793-2:2018,  
Englische Übersetzung von DIN EN 1793-2:2019-05

Dispositifs de réduction du bruit du trafic routier –  
Méthode d'essai pour la détermination de la performance acoustique –  
Partie 2: Caractéristiques intrinsèques de l'isolation aux bruits aériens dans des conditions de  
champ acoustique diffus;  
Version anglaise EN 1793-2:2018,  
Traduction anglaise de DIN EN 1793-2:2019-05

Document comprises 15 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 document (EN 1793-2:2018) has been prepared by Technical Committee CEN/TC 226 “Road equipment” (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Working Committee NA 005-10-26 AA “Noise reducing devices (national mirror committee for CEN/TC 226/WG 6), Joint working group with FGSV”.

## **Amendments**

This standard differs from DIN EN 1793-2:2013-04 as follows:

- a) the declaration of the measurement uncertainty and the related confidence level is now mandatory;
- b) the reported uncertainties have an impact on the determination of informative categories of single number rating performance; depending on the performance of the product, this could potentially result in products being “downgraded” to a lower category. Therefore, the informative annex in the previous edition of this European Standard on the categories of single number ratings has been deleted. The performance of the noise reducing device is, from now on, only to be reported in terms of the numeric values of the single number rating.

Compared with DIN EN 1793-2:2018-08, the following corrections have been made to the German version:

- a) the translation of the Introduction has been adapted;
- b) in subclause 6.2, the formula has been corrected;
- c) in Clause 7, the translation has been adapted.

## **Previous editions**

DIN EN 1793-2: 1997-11, 2013-04, 2018-08

English Version

## Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions

Dispositifs de réduction du bruit du trafic routier -  
Méthode d'essai pour la détermination de la  
performance acoustique - Partie 2: Caractéristiques  
intrinsèques de l'isolation aux bruits aériens dans des  
conditions de champ acoustique diffus

Lärmschutzvorrichtungen an Straßen - Prüfverfahren  
zur Bestimmung der akustischen Eigenschaften -  
Teil 2: Produktspezifische Merkmale der  
Luftschalldämmung in diffusen Schallfeldern

This European Standard was approved by CEN on 19 February 2018.

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