



SLOVENSKI STANDARD
kSIST FprEN 17383:2024
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Protihrupne ovire za cestni promet - Trajnostnost: Deklariranje ključnih kazalnikov lastnosti (KPI)

Road traffic noise reducing devices - Sustainability: Key Performance Indicators (KPIs) Declaration

Lärmschutzvorrichtungen an Straßen - Nachhaltigkeitsbewertung: Deklaration der Leistungsindikatoren

Dispositifs de réduction du bruit du trafic routier - Évaluation de la contribution au développement durable : déclaration des indicateurs clés de performance (ICP)

Ta slovenski standard je istoveten z: FprEN 17383

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Road traffic noise reducing devices - Sustainability: Key Performance Indicators (KPIs) Declaration

Dispositifs de réduction du bruit du trafic routier -
Évaluation de la contribution au développement
durable : déclaration des indicateurs clés de
performance (ICP)

Lärmschutzvorrichtungen an Straßen -
Nachhaltigkeitsbewertung: Deklaration der
Leistungsindikatoren

This draft European Standard is submitted to CEN members for formal vote. It has been drawn up by the Technical Committee CEN/TC 226.

If this draft becomes a European Standard, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (prEN 17383:2023) has been prepared by the Technical Committee CEN/TC 226 “Road equipment”, the secretariat of which is held by AFNOR, it concerns the whole life sustainability of Road Traffic Noise Reducing Devices (RTNRDs).

This document is currently submitted to the Formal Vote.

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prEN 17383:2023 (E)**Introduction**

When placing a construction product on the European market the manufacturer may be expected to present a Declaration of Performance (DoP) with reference to the Basic Work Requirements (BWRs) as listed in the CPR (Construction Product Regulation EU 305/2011).

The performance declared with reference to BWR 7 (Sustainable Use of Natural Resources) corresponds to the Environmental Product Declaration (EPD) as referred to in EN 15804:2012+A2:2019/AC:2021 which provides core rules for all construction products and services.

This document provides specific rules for Environmental Product Declarations (EPD) specifically for Road Traffic Noise Reducing Devices (RTNRD).

It is intended as a supporting standard for the manufacturer to declare the performance of RTNRD in the context of the assessment of the sustainability of civil engineering works as in “EN 17472:2021: Sustainability of construction works — Sustainability assessment of civil engineering works — Calculation methods”

This document presents Environmental Impact Indicators the RTNRD manufacturers will provide to declare the performance of RTNRD with reference to BWR7 and to allow better understanding on how their product can be considered “sustainable”.

Considerations for materials (e.g. steel coils, panels of mineral wools, acryl transparent sheet, ..) if not related to the intended use (RTNRD) are not covered by this document.

This document is also intended to help manufacturers to identify the materials and product stages with the most important impact on different sustainability aspects.

Besides manufacturers other users of present standard are foreseen:

- designers when calculating the Life Cycle Assessment (LCA) of the product used.
- Third parties implementing infrastructure rating systems to determine how the project of the construction work has incorporated sustainability.
- Procuring entities can use the Environmental Impact Indicators in tender specifications to promote more sustainable solutions and innovations.
- Private developers to use RTNRDs on their own land like those used on public roads.

Declared Environmental Impact Indicators will be provided according to the valid standards at the time of product placing on the market.