



BSI Standards Publication

Railway applications — Track — Noise barriers and related devices acting on airborne sound propagation — Test method for determining the acoustic performance

Part 7: Extrinsic characteristics —
In situ values of insertion loss

National foreword

This Published Document is the UK implementation of CEN/TS 16272-7:2015.

The UK participation in its preparation was entrusted to Technical Committee RAE/2, Railway Applications - Track.

The UK committee draws users' attention to the distinction between normative and informative elements, as defined in Clause 3 of the CEN/CENELEC Internal Regulations, Part 3.

Normative: Requirements conveying criteria to be fulfilled if compliance with the document is to be claimed and from which no deviation is permitted.

Informative: Information intended to assist the understanding or use of the document. Informative annexes do not contain requirements, except as optional requirements, and are not mandatory. For example, a test method may contain requirements, but there is no need to comply with these requirements to claim compliance with the standard.

When speeds in km/h require unit conversion for use in the UK, users are advised to use equivalent values rounded to the nearest whole number. The use of absolute values for converted units should be avoided in these cases. Please refer to the table below for agreed conversion figures:

INS, RST and ENE speed conversions	
km/h	mph
5	3
100	60
200	125

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
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TECHNICAL SPECIFICATION
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English Version

**Railway applications - Track - Noise barriers and related
devices acting on airborne sound propagation - Test
method for determining the acoustic performance - Part 7:
Extrinsic characteristics - In situ values of insertion loss**

Applications ferroviaires - Voie - Dispositifs de
réduction du bruit - Méthode d'essai pour la
détermination des performances acoustiques - Partie 7
: Caractéristiques extrinsèques - Valeurs in situ de la
perte par insertion

Bahnanwendungen - Oberbau - Lärmschutzwände und
verwandte Vorrichtungen zur Beeinflussung der
Luftschallausbreitung - Prüfverfahren zur Bestimmung
der akustischen Eigenschaften - Teil 7:
Fremdspezifische Merkmale - In-situ-Werte zur
Einfügungsdämpfung

This Technical Specification (CEN/TS) was approved by CEN on 17 August 2015 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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