

DIN EN 16272-4



ICS 93.100

Railway applications –**Track –**

**Noise barriers and related devices acting on airborne sound propagation –
Test method for determining the acoustic performance – Part 4: Intrinsic
characteristics – In situ values of sound diffraction under direct sound
field;**

English version EN 16272-4:2016,

English translation of DIN EN 16272-4:2016-12

Bahnanwendungen –

Oberbau –

Lärmschutzwände und verwandte Vorrichtungen zur Beeinflussung der
Luftschallausbreitung – Prüfverfahren zur Bestimmung der akustischen Eigenschaften –
Teil 4: Produktspezifische Merkmale – In-situ-Werte zur Schallbeugung in gerichteten
Schallfeldern;

Englische Fassung EN 16272-4:2016,

Englische Übersetzung von DIN EN 16272-4:2016-12

Applications ferroviaires –

Voie –

Dispositifs de réduction du bruit – Méthode d'essai pour la détermination des performances
acoustiques – Partie 4: Caractéristiques intrinsèques – Valeurs in situ de la diffraction
acoustique dans des conditions de champ acoustique direct;

Version anglaise EN 16272-4:2016,

Traduction anglaise de DIN EN 16272-4:2016-12

Document comprises 38 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 16272-4:2016) has been prepared by Technical Committee CEN/TC 256 "Railway applications" (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Fahrweg und Schienenfahrzeuge* (DIN Standards Committee Railway), Working Committee NA 087-00-01-11 UA *Lärmschutzwände an Schienenwegen*.

This standard is based on the English reference version.

In addition to the legal units of measurement, this standard also uses the unit "inch" (""). It should, however, be noted that the *Gesetz über Einheiten im Messwesen* (German Law on units in metrology) prohibits the use of this unit for official and commercial purposes in Germany.

Conversion:

Unit not permitted	Unit permitted	Conversion
" (inch)	mm	1 inch = 25,4 mm

The DIN Standard corresponding to the International Standard referred to in this document is as follows:

ISO 13472-1	DIN ISO 13472-1
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National Annex NA
(informative)

Bibliography

DIN ISO 13472-1, *Acoustics — Measurement of sound absorption properties of road surfaces in situ — Part 1: Extended surface method*

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