



BSI Standards Publication

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

Part 3-1: Normalized railway noise  
spectrum and single number ratings  
for diffuse field applications

### **National foreword**

This British Standard is the UK implementation of EN 16272-3-1:2012.

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

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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### **Amendments issued since publication**

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EUROPEAN STANDARD

**EN 16272-3-1**

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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 3-1: Normalized  
railway noise spectrum and single number ratings for diffuse  
field applications**

Applications ferroviaires - Voie - Dispositifs de réduction du  
bruit - Méthode d'essai pour la détermination des  
performances acoustiques - Partie 3-1: Spectre de bruit  
ferroviaire normalisé et indices uniques d'évaluation pour  
des applications en champs diffus

Bahnanwendungen - Oberbau - Lärmschutzwände und  
verwandte Vorrichtungen zur Beeinflussung der  
Luftschallausbreitung - Prüfverfahren zur Bestimmung der  
akustischen Eigenschaften - Teil 3-1: Standardisiertes  
Schienenverkehrslärmspektrum und Einzel-Angaben für  
diffuse Schallfelder

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