



BSI Standards Publication

# **Railway applications — Track — Noise barriers and related devices acting on airborne sound propagation — Non- acoustic performance**

Part 2-2: Mechanical performance under  
dynamic loadings caused by passing trains  
— Calculation method

**National foreword**

This British Standard is the UK implementation of EN 16727-2-2:2016.

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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English Version

**Railway applications - Track - Noise barriers and related  
devices acting on airborne sound propagation - Non-  
acoustic performance - Part 2-2: Mechanical performance  
under dynamic loadings caused by passing trains -  
Calculation method**

Applications ferroviaires - Voie - Écrans antibruit et  
dispositifs connexes influant sur la propagation  
aérienne du son - Performances non acoustiques -  
Partie 2-2: Tenue mécanique sous charges dynamiques  
dus à la circulation ferroviaire - Méthode de calcul

Bahnanwendungen - Oberbau - Lärmschutzwände und  
verwandte Vorrichtungen zur Beeinflussung der  
Luftschallausbreitung - Nicht akustische Eigenschaften  
- Teil 2-2: Mechanische Eigenschaftsanforderungen  
unter dynamischen Belastungen infolge Zugverkehr -  
Berechnungsverfahren

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