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SANS 140-2:1991

Edition 2 and ISO tech. corr. 1, nat. amdt 1

ISO 140-2:1991

Edition 2 and tech. corr. 1

Any reference to SABS ISO 140-2 is deemed
to be a reference to this standard
(Government Notice No. 1373 of 8 November 2002)

SOUTH AFRICAN NATIONAL STANDARD

Acoustics — Measurement of sound insulation in buildings and of building elements

Part 2: Determination, verification and application of precision data

This national standard is the identical implementation of ISO 140-2:1991 and ISO technical corrigendum 1, and is adopted with the permission of the International Organization for Standardization.

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Table of changes

| Change No. | Date | Scope |
|-------------------|-------------|---|
| ISO tech. corr. 1 | 1993 | Corrected to modify equation (5). |
| Nat. amdt 1 | 2006 | Amended to change the designation from SABS to SANS, with no technical changes. |

National foreword

This South African standard was approved by National Committee SABS TC 76, *Acoustics, electro-acoustics and vibration*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This part of SANS 140 was published in December 2006. This SANS edition is technically identical to the second SABS edition (SABS ISO 140-2:1991), with the addition of ISO technical corrigendum 1 and national amendment 1.

**Reaffirmed and reprinted in August 2012.
This document will be reviewed every five years
and be reaffirmed, amended, revised or withdrawn.**



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Acoustics — Measurement of sound insulation in buildings and of building elements —

Part 2:

Determination, verification and application of precision data

TECHNICAL CORRIGENDUM 1

Acoustique — Mesurage de l'isolation acoustique des immeubles et des éléments de construction —

Partie 2: Détermination, vérification et application des données de fidélité

RECTIFICATIF TECHNIQUE 1

Technical corrigendum 1 to International Standard ISO 140-2:1991 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Sub-Committee SC 2, *Building acoustics*.

Page 3

Replace "r" by "R" so that equation (5) reads:

$$R = 2,8\sqrt{s_R^2} = 2,8\sqrt{s_r^2 + s_L^2}$$

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INTERNATIONAL STANDARD

ISO
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Second edition
1991-06-15

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precision data

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