Australian Standard™

Acoustics—Measurement of sound absorption in a reverberation room



This Australian Standard was prepared by Committee AV-004, Acoustics Architectural. It was approved on behalf of the Council of Standards Australia on 12 December 2005.

This Standard was published on 6 January 2006.

The following are represented on Committee AV-004:

Association of Australian Acoustical Consultants
Australian Acoustical Society
Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Defence Force Academy
Australian Hearing
National Measurement Institute
RMIT University
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This Standard was issued in draft form for comment as DR 05282.

AS ISO 354-2006

Australian Standard™

Acoustics—Measurement of sound absorption in a reverberation room

Originated as AS 1045—1971. Previous edition AS 1045—1988. Revised and redesignated as AS ISO 354—2006.

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Published by Standards Australia, GPO Box 476, Sydney, NSW 2001, Australia ISBN 0 7337 7081 9

PREFACE

This Standard was prepared by the Joint Standards Australian/Standards New Zealand Committee AV-004, Acoustics Architectural to supersede AS 1045—1988, *Acoustics—Measurement of sound absorption in a reverberation room*. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

This Standard is identical to ISO 354:2003, Acoustics—Measurement of sound absorption in a reverberation room.

The objective of this Standard is to specify a method of measuring the sound absorption coefficient of acoustical materials used as wall or ceiling treatments, or the equivalent sound absorption area of objects, such as furniture, persons or space absorbers, in a reverberation room.

As this Standard is reproduced from an international standard, the following applies:

- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
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For Australia only, this Standard provides for the use of the following Australian Standards in place of particular International Standards referenced herein:

Reference to International Standard*		Australian or Australian/New Zealand Standard		
IEC		AS/NZS		
61260		4476	Acoustics—Octave-band and fractional-	
	fractional-octave-band filters		octave-band filters	
ISO		AS		
266	Acoustics—Preferred frequencies	2533	Acoustics—Preferred frequencies and	
			band centre frequencies	

The term 'normative' has been used in this Standard to define the application of the annex to which it applies. A 'normative' annex is an integral part of a Standard.

^{*} Only referenced International Standards that have been adopted an Australian Standard have been listed.

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