



INFORMATION

Note: This document contains addenda information that is supplemental to that found in the LEED Interpretations and Addenda database, found on <http://www.usgbc.org>.

Addendum Details:

Addenda Number	Post Date	Rating System	Category	Credit ID	Ref Guide	Issue Type	Page	Location	Supplemental Document
100000395	04/14/2010	Schools v2009	Indoor Environmental Quality	IEQp3: Minimum Acoustical Performance	BD+C, 2009	Non-grammatical	RS: 61, RG: 423	Requirements	New text
ISSUE: Replace the text in the box with new text below.									

Supplemental Document:

Text
<p>Background Noise Achieve a maximum background noise level¹ from heating, ventilating and air conditioning (HVAC) systems in classrooms and other core learning spaces of 45 dBA.</p> <p>AND</p> <p>Reverberation Time Design classrooms and other core learning spaces to include sound-absorptive finishes to sufficiently limit reverberation in classrooms and other core learning spaces.</p> <p>CASE 1. Classrooms and Core Learning Spaces < 20,000 Cubic Feet For classrooms and core learning spaces less than 20,000 cubic feet, options for compliance include:</p> <p>Option 1: Minimum NRC For each room, confirm that the total surface area finished with a material with a Noise Reduction Coefficient (NRC) of 0.70 or higher equals or exceeds the total ceiling area (excluding lights, diffusers and grilles).</p> <p>OR</p>

Option 2: Compliance with ANSI Standard S12.60-2002

Confirm through calculations described in ANSI Standard S12.60-2002 that rooms are designed to meet reverberation time requirements as specified in that standard.

CASE 2. Classrooms and Core Learning Spaces $\geq 20,000$ Cubic Feet

For classrooms and core learning spaces 20,000 cubic feet or greater, confirm through calculations described in ANSI Standard S12.60-2002 that rooms are designed to have a reverberation time of 1.5 seconds or less.

¹Recommended methodologies and best practices for mechanical system noise control are described in Annex B of ANSI Standard S12.60-2002 and the 2007 HVAC Applications ASHRAE Handbook, Chapter 47 on Sound and Vibration Control (with errata but without addenda).