



acoustical systems, inc.

Acoustical Engineering/Design and Field Testing Services

Acoustical Engineering/Design/Consultation

- Wall Construction (Sound Transmission Class - STC)
- Floor/Ceiling Construction (STC/Impact Insulation Class - IIC)
- Interior Acoustics (Reverberation Time – RT60)
- Mechanical Systems (Noise Criteria – NC/RC)
- Environmental Noise Impact
- New Construction/Renovation Acoustical Design Review
- Construction Site Reviews
- *LEED for Schools and Hospital Consumer Assessment of Health Care Providers and Systems (HCAHPS)* consultation

Acoustical Field Testing (ANSI, ASTM, Military, and Project-Specific Requirements)

- Field Sound Transmission Class/Noise Isolation Class (FSTC/NIC) Testing
 - ASTM E336/413
 - Military Standards DCID/JAFAN 6/9, ICD/ICS 705
- Impact Insulation Class (IIC) Testing
 - ASTM E989/E2179
- Reverberation time (RT60) Testing
 - ASTM C423/E336/C1007
- Noise Criteria (NC/RC) Testing
 - ANSI S12.2/S12.60
- Environmental Noise Impact
 - FHA, HUD, and State/Local Noise Ordinances

www.acousticalsystems.com

Acoustical Systems, Inc.
P.O. Box 146 * Vandalia, Ohio 45377
937-898-3198

