

Case Study – IDeA Center

Department of Architecture, University at Buffalo
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STC Hi-Sabin™ Panels were used to control a reverberant noise problem in the open office and workshop of the Center for Inclusive Design and Environmental Access in Hayes Hall, Department of Architecture, University at Buffalo.

The Problem: The exposed metal deck created an average reverberation time of **1.2 second** as well as reflections that disturbed office workers and research participants.

The Solution: Approximately 384 sf of 2-inch-thick **STC Hi-Sabin™ Panels** were mounted directly on the flutes of the metal deck, providing an effective Type J mounting and inconspicuous installation. Reverberation time has been cut to **0.9 second** and provides an ideal acoustical environment for work. Reflections have also been reduced from the metal deck.

