

BOSCH

Design & Build Case Study

Application: Sound Testing Enclosure

Location: Plymouth Township, MI - Nov. 2014



Before

About the Project

Bosch, a world leader in precision mechanics and electrical engineering needed to separate a section of its facility to conduct critical sound testing. This area had to be blocked off from outside noise for accurate results. The enclosed area had to be sound proofed and the walls were required to be class A rated and go from floor to existing ceiling keeping the testing area clean.

The Solution

Faced with multiple challenges such as existing piping, ductwork, tight areas and a limited timeframe, Allied's design team made several site visits and multiple design revisions but ultimately came up with the perfect solution that fit Bosch's exact needs. The modular tall wall was constructed utilizing our Integra 400 Class A gypsum panels, powder coated aluminum framing and steel insulated doors. Typically, the short time frame required for a complete installation of Tall Walls and working around existing obstructions would require additional time. However, Allied's pre-fabricated modular wall system allowed the Tall Wall to be installed quickly, easily meeting the projected deadline

The Results

After several site visits, and drawing revisions, Bosch's engineering team finalized a layout that would fit into their space and met their critical timeline. Needless to say, Bosch was happy with the solution, the look and the installation.

Allied Modular Advantage

- Shortens Construction Time
- Flexible & Cost Effective
- 100% Re-usable
- Less Mess & Cleanup
- No Painting or Patching
- Class A Gypsum Panels
- Superior Sound & Thermal Values
- Anti-Corrosive Framing System
- Easily Upgrade
- Permits In All 50 States
- CA, TN & TX Facilities



After

FLOOR TO CEILING
INSTALLATION

INSULATED STEEL
DOORS

CLASS A RATED
PANELS



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