

The Problem Solvers Case Study

QuietSwing™ Heavy Duty & Architectural Sound Control Doors

The Problem:

Telemundo Center, located in Miami, Florida, is the new, state-of-the-art, global headquarters created by NBC Universal Telemundo Enterprises. This 460,000 sq.ft. multimedia production facility houses all of the Telemundo Enterprises that have previously been scattered throughout Miami.

Within the facility, there are 13 production studios and 2 digital studios responsible for creating approximately 3,000 hours of entertainment each year. There was a definite need for acoustically rated doors and windows.

The Project Parameters:

- The acoustical requirements were determined by acoustical consultant, Acoustical Distinctions (New York).
- (12) 16'-0" wide x 16'-0" high double leaf & (1) 8'-0" wide x 16'-0" x 7" thick single-leaf STC-59 "Elephant" soundstage doors
- (27) STC-51 2.5" thick Sound Control Doors, (29) STC-54 3.5" thick Sound Control Doors and QuietLite® Sound Control Windows for control rooms, voice-over rooms, studios & edit suites.

The Noise Barriers Solution:

Telemundo's contractor, Restorations Unlimited (a sub-contractor to Turner Construction) contacted Noise Barriers' local rep, Tony Handley of Hollywood, Florida. At the time, Noise Barriers did not have independent test data for the STC-59 "Elephant" doors, but was awarded the contract on a conditional basis that required the fabrication of a prototype to test. Noise Barriers built a prototype and had it tested in the Noise Barriers facility. The contractor and acoustical consultant then traveled to Noise Barrier's facility to witness a repeat test — Noise Barriers was approved based on those test results.

The Results:

This project was successful because we employed a deep team approach with members from multiple areas of expertise all of whom understood the final goal and worked together to achieve it. Acoustical Distinctions was contracted by Telemundo to conduct field tests on all of the provided doors and windows, all of which met or exceeded the field test requirements detailed in the specification.



The Bottom Line:

Our QuietSwing Doors are just one of the many products Noise Barriers can use to solve your unwanted sound issues.