



Knight-Celotex Fiberboard  
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Innovations in Fiber Technology®

## Premier Multifamily/Hospitality Architectural Firm and Knight-Celotex Team to Create STC 69 Rated Sound Stopping Power in Townhome Test

**Team Members:** Humphreys & Partners Architects, Emerald Installation, and Knight-Celotex

**Problem:** Increasing demand among buyers of multifamily residences for quiet homes and the need to avoid potential noise-related lawsuits for developer clients led Dallas-based Humphreys & Partners Architects to search for a high performing, cost effective, noise deadening solution.

**Solution:** Architect Kelly Osburn learned of Knight-Celotex SoundStop® sound deadening fiberboard at the Multifamily Housing show. They proposed a third-party acoustic firm test to determine the sound stopping power of rock wool insulation installed with affordable, high performance SoundStop®.

Humphreys & Partners and Knight-Celotex representatives contracted Architectural Testing Acoustic Labs, an independent, accredited acoustic testing firm, to conduct a field STC test at the Humphreys designed Lake Park Estates Townhomes in Richardson, TX. The test determined STC ratings for demising wall system comprised of blown-in rock wool, SoundStop® fiberboard, and gypsum board.

“The tested wall system created an STC rating of 69,” said architect Osburn. “This is an outstanding result for our single, multifamily and hotel developer/builder clients. The SoundStop® and rock wool combination creates a high level of noise control at a very cost-effective price.”

The tested wall system will significantly reduce the transfer of neighbor-to-neighbor noise, creating a quiet living space. The STC rating of 69 far surpasses the International Building Code-required STC 50 rating.

SoundStop® is the most affordable high performance sound deadening material available. The product is lightweight, easy to install, and available in ½' thick 4' x 8', 9' and 10' panels. SoundStop® sound deadening fiberboard is environmentally friendly, made of recovered and renewable wood fibers.



**For more information:**

Product Orders and Customer Service: 1-866-926-0622  
Technical Support: 1-800-596-9699  
[www.SoundStop.net](http://www.SoundStop.net)