



Omni Hotel scores points with sound reducing panels

Project:
Omni Hotel
www.omnihotels.com

Location:
Frisco, Texas

Architectural Firm:
Gensler
www.gensler.com

FRISCO, TEXAS

Diehard football fans can be found anywhere from catching the next episode of the reality show "Friday Night Tykes", to cramming local high schools, where some communities spend millions of dollars building large complexes filled with modern creature comforts. The many universities play to even larger crowds, attracting top prep talent and serving as a steppingstone to the professional leagues.

The central temple of all NFL sports complexes lies just twenty miles north of downtown Dallas, where Omni Hotels & Resorts is putting the final touches on a new full-service luxury hotel catering to business, meeting groups and sports-crazed travelers. The only upscale property in Frisco, the 300-room hotel is the cornerstone of a mixed-use development that involves pro football, retail, entertainment, offices and a medical center.

Key to maintaining the feel of a luxury property, the hotel placed emphasis on sound transmission class (STC) in its wall designs by using QuietRock®, the highest performing sound damped gypsum brand on the market.

Mechanical, plumbing and electrical systems in hotels, condos and office buildings are often sources of noise complaints by occupants. The hum from a transformer, the grind of rooftop condensing units or water traversing through plumbing pipes in walls, are among the many sounds that can disturb building occupants and cause complaints.



"With QuietRock, everything went well and as expected."

*– David Smith, Division Manager
Marek Brothers Systems*



QuietRock sound reducing panels were used in construction of the new luxury Omni Hotels & Resorts property that is scheduled to open this July in Frisco, Texas."

QuietRock sound reducing gypsum panels were installed throughout the 16-story structure, in guest rooms adjacent to the hotel's mechanical and maintenance yard. David Smith, Division Manager for specialty drywall contractor Marek Brothers Systems-Dallas, was relieved at the opportunity to use a simple solution to a big challenge. With the help of Larry Goss, of distributor Foundation Building Materials-Dallas, Smith was able to use one layer of QuietRock to meet the hotel's high STC requirements. Smith sums up "everything went well and as expected."

The new hotel is connected to the Ford Center at The Star, which opened last year. The 91-acre complex includes a publicly owned 12,000-seat multi-purpose event center that will be used by the City of Frisco and the Frisco Independent School District to host a variety of activities. Besides graduations, special events and athletic competitions, it will also attract attention as the site of high school football championship games.

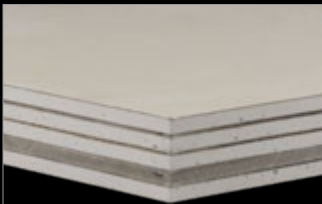
The hotel's main floor includes 24,000 square-feet of flexible meeting space and a 13,000 square-foot ballroom. The top floors accommodate the Presidential Suite and 27 others, and a rooftop deck with a swimming pool sports fire pits, cabanas, a restaurant and room for up to 400 guests. That section overlooks a plaza area that will be a focal point for future development.

All of the rooftop and mechanical equipment noise can't penetrate a wall protected by QuietRock 545. The only sound damped panel designed for maximum sound isolation across a broad frequency range, it offers high STC ratings (up to STC 80 in certain assemblies) and outperforms complicated conventional sound isolating assemblies.

The QuietRock 545 is a one of a kind, multi-layer laminated panel that measures 1-3/8 inches thick and weighs 6.7 pounds per square foot. The mass of the QuietRock 545 makes it a great choice for the new Omni Hotel. It's also a preferred sound isolation panel for commercial and hi-end home theaters, professional studios and music rooms.

About PABCO® Gypsum

A leading manufacturer of wallboard in the U.S. since 1972, PABCO® Gypsum is a division of PABCO® Building Products LLC, one of several subsidiaries that make up the Pacific Coast Building Products family of companies, serving customers coast-to-coast. PABCO® Gypsum's complete range of products incorporates numerous proprietary and/or patented fire, water, and mold resistant technologies. QuietRock®, the first and most technically advanced sound damping drywall and its accessory line, became part of the PABCO® family in 2013. PABCO® Gypsum plants in Newark, CA and Las Vegas, NV have combined capability to manufacture over 1.65 billion square feet of board annually. For more information, visit www.PABCOgypsum.com.



The highly rated QuietRock 545 gypsum panels used at the new luxury hotel drown out noise produced by the building's equipment located in a mechanical yard at one end of the property.