



Hilton Goes Quiet for New Executive Meeting Center

PABCO® Gypsum and Gobbell Hays Partners get Quiet in Palm Beach Gardens, Florida

DoubleTree Palm Beach Gardens

DoubleTree, part of the Hilton Family of Hotels, is a growing collection of accommodations in more than 150 cities. Thayer Lodging Group, based in Annapolis, Maryland is a privately held hotel investment company with a growing inventory of hotels including DoubleTree Palm Beach Gardens. DoubleTree Hotels offer unique, contemporary upscale accommodations and full-service facilities and amenities, including restaurants and lounges, room service, health clubs, business centers and extensive meeting and banquet space. Many of Thayer's properties feature conference rooms and centers that meet the stringent certifications of the International Association of Conference Centers (IACC). These dedicated meeting facilities are custom-built to meet all IACC specifications for the most productive meetings, training sessions, and corporate retreats.

Create Quiet Meeting Space

Gobbell Hays Partners, Inc. was tasked with building the new DoubleTree Executive Meeting Center in Palm Beach Gardens, Florida in compliance with the IACC standards, including a projected STC Rating between 50 and 60. This 15,000 sq ft. new construction includes teleconference rooms, event planner accommodations, convenient business center and lounge areas, and 7,500 net sq. ft. of flexible meeting space.

Project:

Doubletree Executive Meeting Center - 15,400 square feet of tech-savvy meeting rooms, teleconference rooms, and pre-function areas.

LEED NC v. 2.2 Silver Certified

Location:

Palm Beach Gardens, Florida
www.doubletree.hilton.com

Architectural Firm:

Gobbell Hays Partners, Inc.

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“Thayer Lodging Group had very specific requirements that were established by the IACC. Our main acoustical design goal was to achieve an STC rating between 50-60 for fixed meeting room walls, but we also wanted to keep things simple and maximize usable floor area by implementing a single stud design. We felt the QuietRock® system would enable us to use a single stud system, providing cost savings to the client,” said Micah Padgett with Architectural firm Gobbell Hays Partners, Inc.

The Architects had a number of up front design requirements to make the project successful:

- Create an STC-rating of between 50 and 60 for fixed meeting room walls.
- Implement a single stud construction to save time and labor and maximize usable floor area.
- Obtain IACC Certification standards.
- Obtain points toward LEED Silver Certification.

The Quiet® Solution

PABCO® Gypsum’s Quiet® products allow Architects to design quality, quiet spaces in high-traffic, unpredictable, noisy and busy environments like hotels and resorts. A single sheet of QuietRock® is equivalent, acoustically, to eight sheets of standard drywall. Use of Quiet® products directly support sustainable zoning approaches to land use by reducing material use, thereby saving energy and reducing emissions.

Gobbell Hays Partners, Inc. chose QuietRock® with Dietrich’s UltraSTEEL stud construction to build the quietest meeting rooms possible using a single stud construction. At the time of specification, QuietRock® was the only constrained layer damping (CLD) panel endorsed by Dietrich with independent third-party testing by Riverbank. The design created an opportunity to achieve a high STC rating using less material that contributed to the LEED Certification goal.

Results to Date

“In this market, I think there is some value specifically for the superior STC rating that contributed to the IACC certification, which the owner will absolutely use as a competitive advantage. They can be assured that their product is soundproof and comfortable, which will increase customer loyalty and repeat business.” “In addition to our notable expertise relative to Indoor Air Quality (IAQ) issues, one of our areas of specialty at Gobbell Hays Partners, Inc. is designing for LEED Certification. We are confident we will achieve LEED Silver Certification or better for this project and this adds to DoubleTree’s competitive advantage as savvy consumers look for ‘green’ meeting spaces.” Additional benefits from using QuietRock® for the DoubleTree Meeting Rooms Palm Beach Florida project include:

- An STC Rating of 55 using a single sheet of QuietRock® on one side of a single stud assembly.
- Faster implementation time than other soundproofing designs.
- Lower total cost than other soundproofing designs.
- Points towards LEED Certification. Based on LEED-NC, QuietRock® can potentially assist architects and designers in obtaining LEED Certification.
- UL fire rating.

About Gobbell Hays Partners, Inc.

Gobbell Hays Partners, Inc. (GHP), founded in 1977, is an architectural, engineering, and environmental consulting firm operating from offices in Nashville, Tennessee; Denver, Colorado; San Antonio, Texas; and Palm Beach Gardens, Florida. GHP has built a firm that successfully and synergistically integrates the skills of architects, engineers, industrial hygienists, and safety professionals. The talented team of architects, environmental engineers, industrial hygienists and other skilled professionals at Gobbell Hays Partners, Inc. are dedicated to creating safe, sustainable and aesthetically pleasing places to work and live.

About QuietRock®

QuietRock® replaces older techniques such as resilient channels, clips, sound board and mass loaded vinyl and offers lower cost solutions than other methods for equivalent STC ratings. From 1/2" entry level to 1-3/8" professional products, there is a model for any project. QuietRock® hangs and finishes just like standard drywall and is fully lab and field-tested to STC 80, depending on model and assembly. PABCO® Gypsum has shipped millions of QuietRock-brand panels for use in thousands of residential and commercial construction projects.

About PABCO® Gypsum

PABCO® Gypsum, a division of Pacific Coast Building Supply, owns and operates sustainable gypsum wallboard operations in Las Vegas, NV and Newark, CA. Family owned and operated since 1972, PABCO® Gypsum has been providing gypsum wallboard products and superior customer service throughout the Northwestern hemisphere of the United States. PABCO® Gypsum began manufacturing and shipping gypsum board from its Newark, California facility in 1972. Five years later, PABCO® Gypsum expanded with the acquisition of a combined manufacturing and gypsum quarry facilities north of Las Vegas, Nevada. In 1998 and again in 2005, the Las Vegas plant was expanded and modernized. In 2009 the Newark, California plant was also expanded and modernized. Today, the two facilities supply over 1.67 billion annual square feet of gypsum board, making PABCO® Gypsum one of the largest producers in the western United States.

In August 2013, PABCO® Gypsum acquired the QuietRock® product line and manufacturing operations from Serious Energy, Inc; further strengthening company brand and product portfolio. PABCO's complete line of gypsum products is used in virtually all types of construction from single-family residential to commercial high-rise structures.