

Facts

Description:

Hotel within mixed use office and residential development

Project Owner:

The PNC Financial Services Group, Inc.

Architect:

Gensler, Astorino; P.J. Dick, Inc.

Completion Date:

2010

Objective:

Targeting LEED Certified for the base building and hotel interiors

Results

LEED Gold Certification

FAIRMONT PITTSBURGH, PITTSBURGH, PA



The Fairmont Pittsburgh was a significant component of the Three PNC Plaza project, a mixed-use residential, condo, hotel, retail and office development that transformed Pittsburgh's Fifth and Forbes corridor into a vibrant downtown business district. Paladino served as sustainability consultant for both the base building and the LEED-CI interiors for the hotel.

Paladino Approach

As green building consultant, Paladino implemented a number of sustainable strategies to achieve LEED certification for the hotel. Green features of the base building include: high performance glazing systems that exceed national energy standards by 10-15%; a minimum of 50% of construction materials derived from recycled materials; water efficient fixtures; LED and compact fluorescents; guestroom occupancy sensors; access to natural light; improved indoor air quality; and refrigerants that minimize or eliminate emissions contributing to ozone depletion and global warming.

To support the local economy and connect to its surrounding community, The Fairmont Pittsburgh also incorporated locally produced and sustainably sourced furniture and materials in the guestrooms, as well as works by Pittsburgh artists and photographers. Artifacts excavated from the building

About Paladino

Paladino is an industry-leading green building consulting firm providing sustainability expertise over a wide range of building and business issues. We work with high aspiration organizations of all sizes to develop advanced green building strategies for both new and existing construction.

A pioneer of the green building movement and one of the original creators of the LEED green building rating system, Paladino's esteemed clients include ConAgra Foods, Starbucks, PNC Financial Services, Microsoft, Verizon Wireless, Corporate Office Properties Trust and many more. At Paladino, we help our clients create business value by optimizing human, environmental and financial performance. Our customized technical approaches center on the unique concept of abundance as a driving force for organizational transformation. To learn more, visit www.paladinoandco.com.



*Paladino's abundance framework
(people, planet, prosperity)*

construction site, such as glass bottles, dishes and children's toys, are on display throughout the hotel.

Results

The project reduced lighting energy use by about 75,000 kWh (equivalent to lighting about 50 households annually), and CO2 emissions by 130,000 lbs (equivalent to removing 10 passenger cars from the road for a year). The building's water efficiency measures save nearly 930,000 gallons of water annually. Additionally, approximately 99% of construction waste was diverted from landfills.

The hotel exceeded its LEED Certified goal, achieving LEED Gold and becoming the Fairmont's first LEED Gold certified hotel and only LEED hotel in the city at the time of its opening.