

LEED Gold Case Study

Fairmont Pittsburgh at Three PNC Plaza

ASSA ABLOY

ADAMS RITE | CECO DOOR | HES | MCKINNEY | NORTON | PEMKO | RIXSON | ROCKWOOD | SARGENT

The global leader in
door opening solutions

“Where Green is Gold”

Widespread use of sustainable construction practices and building products made with recycled content and other “Green” materials enabled the Fairmont Hotel and Resort in Pittsburgh, Pennsylvania to achieve LEED Gold certification.

The luxurious Fairmont Pittsburgh, designed by Gensler architects, opened on March 29, 2010 as part of Three PNC Plaza, a 23-story multi-use complex owned by PNC Financial Services. “The owners of PNC Bank, who own this building, are very passionate about LEED Certified buildings. They have one of the largest collections of LEED certified buildings in Pittsburgh,” says Joan Harvey, director of marketing for the Fairmont.

Included in this hotel are numerous products from ASSA ABLOY Group brands ADAMS RITE, CECO DOOR, HES, MCKINNEY, NORTON, PEMKO, RIXSON, ROCKWOOD and SARGENT to go along with GRAHAM Sketch Doors made with agrifiber cores. More than 500 of the roughly 800 openings are equipped with the GRAHAM eco-friendly wood doors.

One of the many goals of LEED and other green building standards is to curb depletion of long-cycle renewable materials by encouraging the use of building products made with rapidly renewable materials, generally defined as plants with a maximum ten year planting-to-harvest cycle.

GRAHAM agrifiber core doors are made largely from agricultural by products associated with normal farm production of wheat and other crops that are planted and harvested within a year. Agrifiber offers the benefit of having no added urea formaldehyde and hold the distinction as one of the few building products with a favorable carbon balance score.

The GRAHAM Sketch Door constructed with an agrifiber core addresses green building challenges while still offering the same aesthetic and durability properties as wood fiber doors. By mixing and matching different wood species and grain directions, Sketch Doors provide high-end visual appeal at a more economical price compared to traditional stile and rail doors.

In addition to answering security and life-safety needs, the doors, locks and hardware used in the hotel are also constructed with large percentages of recycled material that exceed the minimum requirements in the LEED Materials & Resources guidelines.



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