
BALA

CORPORATE EXPERIENCE

KEY FACTS

LOCATION:

Harleysville, PA

SQUARE FEET:

90,000

COMPLETED:

2009

SERVICES:

MEP/FP, Structural, and Voice/
Data Engineering, Security, LEED
Commissioning

ARCHITECT:

Wulff Architects

HIGHLIGHTS:

LEED-NC Gold Certified

**ABC Excellence Award for Green
Buildings, Commercial Projects
over \$7.5 M, Specialty Mechanical
Systems**

**Building Utilizes 48% less water
than other buildings**

**90% of Construction Waste Di-
verted from Landfill**

**Energy Efficient Lighting Saves 43%
on Electrical Costs**



COLORCON

Colorcon is a worldwide leader in the development, supply and technical support of formulated coatings and other excipients for the pharmaceutical and dietary/food/nutritional supplement industries. The new facility includes their global headquarters offices, global Data Center, and research and development labs.

Colorcon's Headquarters is an excellent model of environmental stewardship for suburban office buildings. Energy efficiency drove the entire building design, which achieves 27% energy savings through architectural, mechanical and lighting systems, remarkable for a building with intensive energy demands from the labs and the Data Center. Natural light is capitalized on through the architecture of daylight design, while thermal efficiency of the building envelope decreases energy demand. Mechanically, the load is reduced by intelligently measuring demand and leveraging outside air, while efficient equipment decreases greenhouse gas emissions. Daylight harvesting and energy efficient light

fixtures, distribution and controls decrease electricity usage. Peak load shaving leverages the on-sit generator to provide energy during peak summer periods, reducing utility demand charges and providing significant cost savings.

Construction Quality Control was ensured through commissioning. Site strategies included development minimization, a multi-function berm, a reforested buffer zone, a rain garden, environmentally sensitive site lighting, a vertical green wall and a roof terrace irrigated from roof water run-off.

FOR MORE INFORMATION,
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