

YORK® FlexSys™ Underfloor Air System Project Profile

Creative Requirements:

- “...an energy efficient HVAC system that can be incorporated into a flexible open space design that will be reconfigured constantly to display the latest office furniture and technologies. The HVAC system cannot be visually disrupting to the architectural appeal or openness of the building”



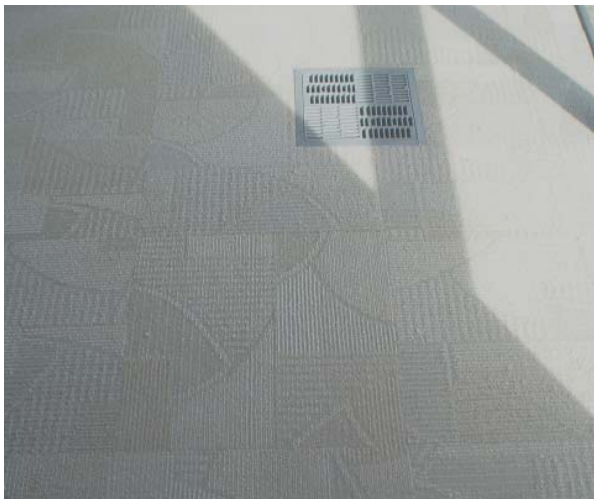
Creative Office Environments Building

- Uses a YORK® FlexSys™ Underfloor Air Distribution system for heating and cooling Administrative Sales Offices & Design Studios.
- Provides 85-Tons of total cooling served by an 85-Ton YORK eco2 VAV rooftop unit serving a 30-ft high building.
- Multiple underfloor VAV diffusers condition all areas allowing for flexibility and reconfiguration of the various design areas within the building.



System Overview:

- 30,000sf two-story building designed to LEED guidelines for energy and environmental efficiency.
- 154 underfloor air diffusers create an environment of ideal thermal comfort and control while providing excellent IAQ.
- Each room can be quickly reconfigured for voice & data cabling as well as the differing air flow rates due to the changing number of building occupants and visitors.



Underfloor VAV diffusers suspended within the floor plenum provide precise heating, cooling and ventilation control from the raised floor panels covering the space.

