

Tate Access Floors Chosen for the Worlds Most Environmentally Responsible High-Rise Office Building to Date: One Bryant Park in New York City.

Baltimore, Maryland, December 3 – Tate Access Floors, Inc. has been named the access floor manufacturer/supplier for the largest development site in Midtown Manhattan, One Bryant Park. The 52-Story, 945 foot-tall future headquarters for Bank of America's operations in New York City, features 2.1 Million square-feet of office and retail space of which the majority will feature Tate Access Floors with underfloor air distribution.

Part of a growing trend in commercial construction to create environmentally responsible buildings, One Bryant Park is the first high-rise office building in the world to strive for the U.S. Green Building Council's [USGBC] Leadership in Energy & Environmental Design [LEED] Platinum designation. The access floor will help create a healthy, sustainable, energy efficient indoor environment with abundant natural light, personal comfort control and clean fresh air.

"It's great to be part of such a landmark project in green and sustainable design." said, Russell Shiels, President of Tate Access Floors, Inc. "The environmentally conscious features of One Bryant Park will become the benchmark for high-rise construction in the decades to come. The Durst Organization and Bank of America's commitment to creating a healthy environment for those working in the building is unprecedented."

"Green" Considerations

With an emphasis on sustainability, water efficiency, indoor environmental quality, and energy and atmosphere, the building will be constructed largely of recycled and recyclable building materials. It will feature a wide range of sophisticated environmental technologies including, under-floor displacement air ventilation, advanced double-wall technology, a gray-water system to capture and reuse all rain and wastewater, and translucent insulating glass in floor-to-ceiling windows that permit maximum daylight and optimum views. It also will include a state-of-the-art onsite 4.6-megawatt cogeneration plant, providing a clean, efficient power source for the building's energy requirements.

One Bryant will feature additional energy saving materials such as planted roofs to reduce the urban heat island effect. Taking advantage of heat energy from the cogeneration plant, a thermal storage system will produce ice in the evenings, which will reduce the building's peak demand loads on the city's electrical grid. Daylight dimming and LED lights will reduce electric usage while carbon dioxide monitors automatically introduce more fresh air when necessary.

Access Floors and LEED

Tate's access floors contribute to points in three major categories of the USGBC's LEED rating system. By delivering services under a raised access floor the occupant has the ability to distribute and terminate power, voice/data and air ventilation anywhere in the floor. This not only gives them the ability to choose virtually any floor plan, but also provides the flexibility to adapt the floor plan to meet future technological and organizational growth. With underfloor air distribution the value of using an access floor increases by improving personal comfort, indoor air quality, and energy efficiency while creating more daylighting opportunities.

Material waste associated with service distribution is virtually eliminated both during initial construction and reconfiguration because almost everything is reusable or recyclable. Tate's access floors are made from over 30% recycled content in the US adding yet another LEED advantage.

Additional Features

The \$1 billion project will include the restoration and reconstruction of the historic Henry Miller's Theater, with the goal of creating a state-of-the-art Broadway playhouse that captures the intimacy and proportions of the original 1918 Allen, Ingalls & Hoffman Theater.

About Tate Access Floors, Inc.

Tate Access Floors, Inc. is headquartered south of Baltimore in Jessup, Maryland with manufacturing plants in Jessup and Red Lion, Pennsylvania. Tate is a member of the Kingspan Group of companies, a global manufacturer of building products based in Ireland with facilities throughout Europe. Tate's activities include research and development, manufacturing, sales, and distribution with over 450 million square feet of raised floor installed. Tate's products provide service distribution solutions in general office, education, equipment/server, public space, laboratory, and clean room facilities. Tate focuses on the support and marketing of their Building Technology Platform® flooring system -- the construction of commercial buildings with the distribution of critical services under an accessible and flexible access floor versus overhead. These building services include HVAC, electrical power distribution, voice and data cabling, and other utilities.