

UNDERFLOOR SERVICE DISTRIBUTION by Tate Access Floors

Santa Monica Public Safety Facility
Police & Fire Department Hqts
Santa Monica, CA

GOVERNMENT PROJECT

117,000 gross sq. ft.
70,000 sq. ft. access floor

PRODUCTS USED:

Concore 1250
Underfloor air
Underfloor power, voice, data
Modular carpet tile

LEED CERTIFIED



Subject

SANTA MONICA PUBLIC SAFETY FACILITY

Located at 4th and Olympic, the 117,000 square foot Public Safety Facility is the City of Santa Monica's first major building designed with the intent of minimizing its lifecycle impact on the natural environment while providing for the health and comfort of the building's occupants. As the headquarters for the Police and Fire Departments in addition to the 9-1-1 center and other facilities, the importance of maintaining the indoor environment quality was imperative to the City. In addition to providing a healthy and comfortable place to work, the City demonstrated its commitment to the environment by designing the facility to be extremely resource and energy efficient. With goals of energy efficiency and use of recycled materials, the design team searched for suppliers who could meet the challenge. Tate Access Floors was up to the task.

Tate was able to provide an underfloor air distribution system that was not only cost-effective, but also met the "green" requirements. Energy efficient and flexible underfloor air distribution is used to provide enhanced personal comfort control and ventilation while improving the overall air quality environment. By using a high-efficiency pulse combustion boiler for heating in combination with the underfloor air circulation, the system provided a 36% higher energy efficiency than baseline requirements. This underfloor plenum was also used as a pathway for the building's wiring needs, creating a flexible and adaptable workplace. The use of recycled material is an important aspect to "green" design so the design team used such material wherever practical. Since Tate's flooring system is comprised of 32% recycled material, it was able to easily contribute to this critical LEED requirement. As a result of the City of Santa Monica's commitment to the environment, and Tate Access Floors' underfloor service distribution system, the Santa Monica Public Safety project is the first City facility to be awarded the US Green Building Council's LEED Silver certification.

Tate[®]



TATE AUTHORIZED DEALER

Pugliese Interior Systems, Inc.
Rancho Santa Margarita, CA

ARCHITECTURAL FIRM

Cannon Design
Los Angeles, CA

GENERAL CONTRACTOR

J.A. Jones
Richmond, VA

ENGINEERING FIRM

Morrow Mechanical
Houston, TX