

UNDERFLOOR SERVICE DISTRIBUTION

by Tate Access Floors

RBC Centre
Toronto, ON

DEVELOPER PROJECT

1,200,000 gross sq ft
1,130,000 access floor sq ft

PRODUCTS USED:

ConCore 1250
Underfloor wire management
Underfloor Air System



Subject

RBC CENTRE

The RBC Centre is the first commercial tower to be built in Toronto in more than a decade and also Canada's first major triple-A office building designed to target LEED® Gold New Construction (NC) certification. The installation of raised floors with underfloor air distribution throughout 1.2 million square feet of office space significantly contributes to the structures LEED certification. That part of the project is being managed and delivered by the contracting office of Tate Access Floors' Canadian division, Tate ASP.

The RBC Centre will achieve estimated energy savings of 50 percent relative to buildings built to the Canadian National Energy Code. "These savings are significant to building tenants" said Wayne Barwise, senior vice president, office development with Cadillac Fairview Corporation Limited, owner of the property. "The LEED features in the building, including the raised access floors, provide a more comfortable work environment for all building occupants, offering more personal comfort control, with the potential to reduce employee absenteeism and improve employee attraction and retention." According to Barwise, "The raised floor system represents a new, better technology that offers greater flexibility in terms of HVAC distribution and the location of data and telecommunications cabling. "In addition, studies show that the cost of reconfiguring interior space in a building that uses a raised floor system is more economical than in a building that uses a conventional dropped lay-in tile acoustic ceiling. Finally, because the raised floor system places diffusers in the floor to distribute conditioned air throughout the building, the system provides greater personal control over comfort." By working with TateASP, Cadillac-Fairview was able to leverage the supplier's many turnkey solutions as manufacturer, construction manager, and contractor.

TATE AUTHORIZED DEALER

Tate ASP Contracting
Toronto, ON

DEVELOPER

Cadillac Fairview
Toronto, ON

ARCHITECTURAL FIRM

Kohn Pedersen Fox Associates
Sweeny Sterling Finlayson &
Co. Architects Inc.
Bregman + Hamann Architects

GENERAL CONTRACTOR

PCL Contractors Canada, Inc.
Toronto, ON

UFAD CONSULTING ENGINEER

The Mitchell Partnership, Ltd.
Toronto, ON

Tate®