



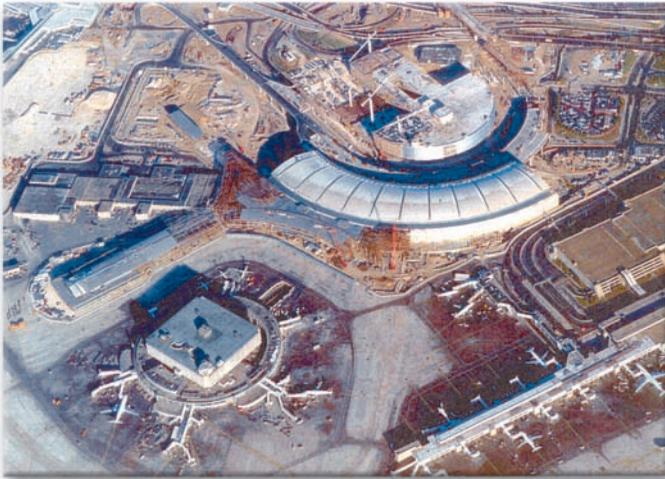
HIGH PROFILES

PROJECT HIGHLIGHTS FROM AROUND THE WORLD

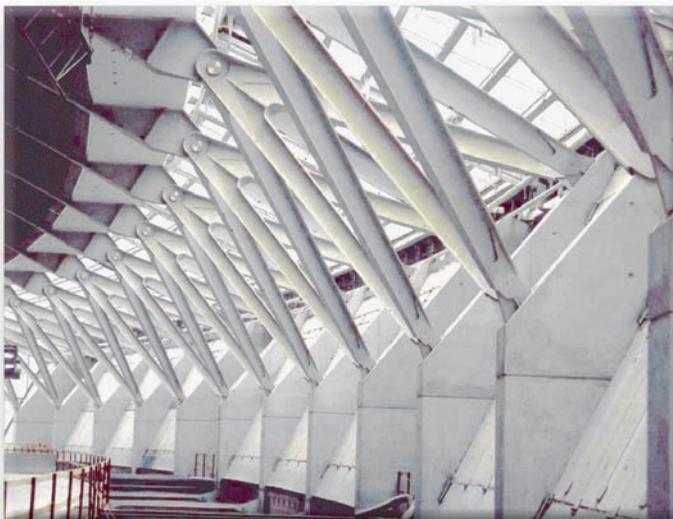
Toronto's Pearson International Airport Toronto, Ontario, Canada

CAFCO® is Ready for Takeoff

A wide array of CAFCO's extensive line of passive fire resistive materials is showcased on the Greater Toronto Airports Authority (GTAA) project, Canada's busiest airport.



The Toronto Airport project offered the widest range of CAFCO products including CAFCO® 300™, CAFCO® 400™, CAFCO® BLAZE-SHIELD® II, CAFCO® HEAT SHIELD®, CAFCO-BOARD®, and CAFCO® SprayFilm®.



CAFCO SprayFilm was incorporated to accent critical exposed structural steel columns. SprayFilm is an extremely hard, durable, and decorative protective coating. In following current trends for user friendly, environmentally safe products with improved performance, the GTAA mandated water-based intumescent coatings and restricted the use of solvent-based products. The old facility remained in operation while the new facility was constructed. The superintendent from Industra Thermal Inc., Kerry Wallace, said, "Adequate ventilation and job sequencing issues, along with the HAZMAT concerns of solvent-based intumescent coatings propelled the use of water-based materials".



The GTAA specified Underwriters Laboratories Inc. (UL) and/or Underwriters Laboratories of Canada (ULC) Design Listings only. UL/ULC is the only testing agency that requires classified intumescent coatings to pass a complete series of stringent environmental exposure tests. The UL environmental program is designed to ensure the long-term fire resistive performance of intumescent coatings.

CAFCO-BOARD provides architects the opportunity to value engineer additional energy savings in conjunction with the fire protection requirement. CAFCO-BOARD offers an R-Value of 4.2 per inch and an NRC value of 1.0 per two inches while providing the required fire resistance ratings. CAFCO-BOARD's ease of clean up allows applicators to complete their installations in the most efficient, cost-effective manner. The fast paced construction schedule on the GTAA project required fire protection that could withstand direct weather exposure on the exterior portions of the concourse and provide the required fire resistance ratings.



CAFCO-BOARD is a UL classified rigid, mineral wool board that provides up to 4 hours fire protection for columns and up to 3 hours fire protection for beams. CAFCO-BOARD is mechanically fastened to structural steel and is ideally suited for high-traffic and limited clearance areas. CAFCO-BOARD possesses a worldwide reputation for being an exceptional performer in both the Commercial and Industrial sectors for the fire protection of structural steel.

The Project Manager for Industria Thermal Inc., Derrick Saunders, said, "We should have used the CAFCO-BOARD much earlier. Trying to spray perimeter beams in Canadian winter conditions with no roof or curtain wall is a waste of time. No matter what we did to protect those beams from the elements, it simply did not work. CAFCO-BOARD is the solution to this fireproofing nightmare. CAFCO-BOARD is easy to install, saves time and money".

CAFCO 300 was utilized on the recent terminal expansion in areas requiring a commercial density Spray-Applied Fire Resistive

Material (SFRM). Within these areas, CAFCO 300 was concealed behind finished ceilings and left exposed in all areas exceeding a height of ten feet.

Within areas subjected to higher levels of physical abuse, structural steel columns and beams below 10-feet were protected with CAFCO 400. This medium density Portland cement based SFRM combines exceptional physical and fire resistive performance.

Both CAFCO 300 and CAFCO 400 offer the best fire resistive performance per unit thickness of all SFRMs available on the market today. This, coupled with their ability to satisfy all project specification requirements, proved once again that CAFCO SFRMs are superior to the competition and continue to be the SFRMs of choice at Toronto's Pearson International Airport.

The GTAA project reaffirms CAFCO's ability to provide not only the right fire protection products, but also to develop specific design solutions for unique construction assemblies.

For Further Information

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