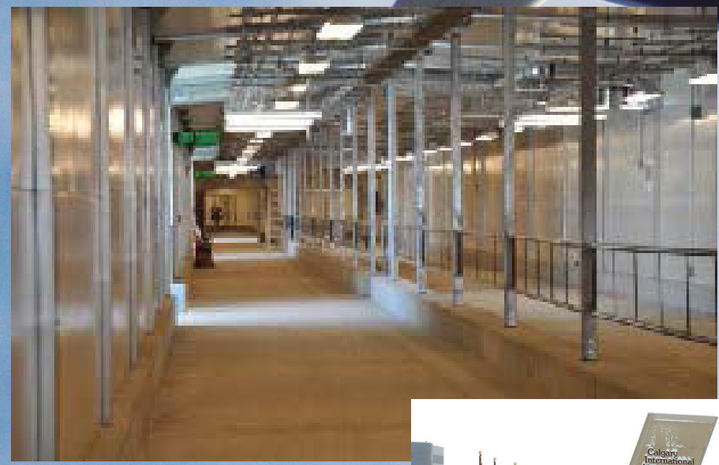
FläktGroup®
SEMCO®

CALGARY
INTERNATIONAL AIRPORT
CASE STUDY

FAST TRACK CONSTRUCTION
CALGARY INTERNATIONAL AIRPORT

Calgary International Airport has experienced some significant growing pains over the last decade. Unfortunately, construction budgets have not always kept pace with increasing passenger volumes, forcing the airport to look toward temporary solutions to meet a growing demand. One such solution, a temporary gate facility built to deal with the onslaught of passenger traffic, was beginning to deteriorate, leaving the airport in need of fast yet reliable solution.



"IF YOU HAVE A TIGHT TIMELINE, **THIS IS A REALLY GREAT OPTION.**"

- COLIN MARTIN
  ASL PROJECT MANAGER

Calgary began the search for another "temporary" solution for Concourse A, Gates 1-10; but the words "airport" and "temporary" don't easily meld. Structurally speaking, airports must meet high standards in terms of durability, acoustic protection, fire safety, and, of course, occupant comfort.

ATCO Structures & Logistics (ASL), an international company specializing in modular structures and noise control solutions for a variety of applications from military to power generation, was called upon to design and deliver a replacement structure for Gates 1-10. Although experienced in airport construction, conventional construction methods challenged ASL in ways that threatened the airport's timeline for the project. They turned to FläktGroup® SEMCO® for help.

ASL commissioned FläktGroup® SEMCO® to supply 57,000 sq. ft. of their IN-PANL solutions industrial tongue-and-groove panels with which they would build the new passenger area and walkway for Gates 1-10. The 6" thick non-combustible panels met stringent structural, acoustic, and thermal requirements as well as satisfying applicable building codes. Equally important, they had to be delivered in time for ASL to complete the first phase of the project in 3 months and the second phase just 2 months later.

The panels and trim, complete with factory applied and architecturally textured powder coat finish were shipped to the jobsite in carefully planned 4-day intervals to keep construction on track without material building up.

Working closely with FläktGroup SEMCO's design team, ASL was able to deliver a finished structure to the Calgary airport almost as quickly as the panels arrived. This enabled ASL to save significantly on labor, said Colin Martin, ASL Project Manager.

FläktGroup SEMCO IN-PANEL solutions combine the best of acoustic, thermal, and structural performance for endless noise abatement applications. Utilizing roll-forming manufacturing, FläktGroup SEMCO's tongue-and-groove panels are available in 2" through 6" thickness with panel spans up to 16' in length. Manufactured from galvanized, stainless, or aluminum with a variety of acoustic fill, FläktGroup SEMCO also offers durable powder coat finishes, DecoCoat PC™, from an array of standard to custom matched colors to meet specific project needs.

INDUSTRIAL SYSTEMS
IN PANEL
SOLUTIONS

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FläktGroup® SEMCO® delivers smart and energy efficient Air Distribution and Air Quality solutions to support every application area. We offer our customers innovative technologies, high quality and outstanding performance supported by more than fifty years of accumulated industry experience. The widest product range in the market, and strong market presence in 65 countries worldwide, guarantee that we are always by your side, ready to deliver Excellence in Solutions.

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