

aluminum
COMPOSITE
MATERIAL

ontario
PANELIZATION

REVOLUTIONIZING THE WAY WE BUILD



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1. CFB TRENTON NEW AIR TRAFFIC CONTROL TOWER

(pictured on front cover)

Product: Aluminum Composite
Material (ACM)

Location: 80 North Perimeter Rd., Astra, ON

Architect: Department of National Defence

Unique Features: Clad in ACM, the form of this tower is the result of research by DND into the most effective angles and shapes for an air traffic control tower. The Copper colour vertical wing wall on the airside serves to shadow the curtainwall from signals beamed down the runway. Its rolled nose blends into the segmented curve of the entrance canopy fascia, which is finished and visible on both sides. The horizon blue ACM crown of the building is supported by a pre-panelized structural stud truss system, which ensured speedy construction, precise geometry, and alignment with the medium bronze ACM main building below.

2. FMRP OFFICE BUILDING

Product: Aluminum Composite
Material (ACM)

Location: 350 Pinebush Rd., Cambridge, ON

Architect: SRM Architects Inc.

Unique Features: The ACM panels helped this building achieve a LEED gold designation. The main entrance canopy is clad with custom shaped fascia panels that cap the wood soffit. The roof of the generator building was also accented with custom shaped panels to unify this structure with the main building.





3. MYERS MOTORS ADDITION AND RENOVATIONS

Product: Aluminum Composite Material (ACM)

Location: 1200 Baseline Rd., Ottawa, ON

Architect: Brian W. Dickey Architect Inc.

Unique Features: Myers Motors is a combined Chevrolet and Cadillac dealership, but each has its own signature colours and details. This helped inspire the unique features of the building – four different colours were used throughout in various combinations, including custom Chevy blue at the entrance. The Cadillac entrance features a curved eyebrow designed as one monolithic piece of ACM with no visible fasteners.



4. CAMBRIDGE CIVIC ADMINISTRATION BUILDING

Product: Aluminum Composite Material (ACM)

Location: 50 Dickson St., Cambridge, ON

Architect: Diamond + Schmitt Architects Inc.

Unique Features: To achieve a blend of new and old architectural elements, the ACM panel walls and soffits provide a modern element in contrast to the existing stone clad building. The new City Hall boasts a large number of energy efficient qualities such as interior living walls and rainwater cisterns. This project achieved a LEED gold designation.

5. LESLIE & FINCH PLAZA PHASE II

Product: Aluminum Composite Material (ACM)

Location: 101 Ravel Rd., Scarborough, ON

Architect: Louis K.C. Cheung Architect Inc.

Unique Features: Inspired by an oriental pagoda, the plaza's entrance is covered by a large and intricate canopy held by elliptical and asymmetrical columns. A continuous canopy above the adjacent store-front shop entrances was also part of the design. Over 95% of the panels are curved and champagne in colour. The incorporation of electrical fixtures and skylights in the pagoda are a testament to the designer's intent to create an outstanding feature and give new life to this building.





6. PINEWOOD TORONTO STUDIOS


Product: Aluminum Composite Material (ACM)

Location: 225 Commissioners St., Toronto, ON

Architect: Quadrangle Architects Ltd.

Unique Features: This project is a part of the revitalization of Toronto's Portlands and is located on the waterfront south of Commissioners and west of Leslie Street. The use of dual-colour ACM panels in combination with the multi-coloured glass of the adjacent curtain wall brings a unique design to a once derelict industrial area. The four-storey main entrance tower is entirely clad in silver ACM and split asymmetrically by a vertical fin wrapping up to the roof of the tower.





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