

Project Profile

Transport, Electrical, and Mechanical Engineering

TEME Facility

WILLOW PARK, 3201 WINDSOR ST.
HALIFAX, NS, CANADA



COMMERCIAL

Project Profile

Transport, Electrical, and Mechanical Engineering (TEME) Facility

WILLOW PARK, 3201 WINDSOR ST., HALIFAX, NS, CANADA

Eight World War II Era Buildings Now One in LEED Silver Facility

The Project:

The Transport, Electrical, and Mechanical Engineering (TEME) facility at Canadian Forces Base (CFB) Halifax is a 12,000 sq. m. (129,166 sq. ft.) two-storey building that accommodates dispatch functions, administration, shops and training facilities for CFB Halifax.

As Canada's east coast navy base and homeport to their Atlantic fleet, it is the largest Canadian Forces Base in terms of the number of posted personnel, formed from a consolidation of military properties within the Halifax Harbour in Nova Scotia.

The Challenge:

According to IKO Atlantic Provinces Technical Manager Tim Wrigley, "There were numerous design challenges to meet the stringent high wind performance requirements on this high-profile project."

The Solution:

An ArmourCool system was selected specifically to meet the reflectivity requirements of LEED. The torch applied SBS base sheet and cap sheet over a mechanically attached system were selected to meet the performance requirements of FM-120.

Project designer Defence Construction Canada (DCC) chose a 20-year Diamond Shield Warranty for the new TEME facility, which serves as DCC's new home of operations at the base.

PRODUCTS

- Steel Deck
- 5/8" DensDeck mechanically fastened (Pre-secured)
- S.A.M. Primer
- IKO MVP
- IKO Therm™ 2.5" X 2-Layers (Pre-secured)
- 1/4" DensDeck Prime coverboard mechanically attached
- IKO Mod-Bit Primer
- TP-180-FF Base torch applied
- Armourcool™ TP-250-Cap Torch applied

“There were numerous design challenges to meet the stringent high wind performance requirements on this high-profile project.”



- Tim Wrigley
Atlantic Provinces
Technical Manager, IKO



CLIENT/OWNER

Department National Defence

PROJECT SECTOR

Public

APPROXIMATE PROJECT SIZE

9,290 sq. m. (99,996 sq. ft.)

PROJECT START & COMPLETION DATES

October 2012 – September 2014

ROOFING CONTRACTOR

McCarthy's Roofing

ARCHITECT

Defence Construction Canada

ROOFING SYSTEM

ArmourCool TP 250-Cap

IKO
ROOF

IKO.COM/COMM

Find out more about our products now by talking to an IKO Sales Representative, your professional roofing contractor or contact us directly at: **Canada 1-855-IKO-ROOF (1-855-456-7663), United States 1-888-IKO-ROOF (1-888-456-7663)** or visit our website at: **IKO.COM/COMM**.

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