

Project Profile

Kings College
Student Life Centre

LONDON, ON



COMMERCIAL

PERFORM

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Durability and Reflectivity Key Features of ArmourCool™ Roofing System

The Project:

The new Darryl J. King Student Life Centre at Kings College is a highly aesthetic and functional facility at the heart of Western University Canada's campus. Designed by Perkins+Will and built by K & L Construction, The King Centre is a 3,539 sq. m. (38,093 sq. ft.), two-story multi-purpose centre incorporating a variety of spaces created to serve students. These spaces include meeting rooms, a café, learning lounge areas, a 490-seat auditorium, a fitness centre, a games room and classrooms. Total cost of the project was \$14.7 million.

The Challenge:

The project was completed in three phases over the course of about 18 months. "Our biggest challenge was accessing the library roof area and working around the building occupants while the project was in progress," said Jim Bullock, President, Bullock & Sons Roofing. "Space was limited, so we had to build a special scaffold platform to work from so we'd be away from doors and building access." Work began with a reroof of the 11,000 sq. ft. (1,023 m²) library, completed in spring 2012. The second phase was the installation of a 16,000 sq. ft. (1,486 m²) roof for the new addition to the Student Life Centre. In the third and final phase, a 2,700 sq. ft. (251 m²) LiveRoof™ garden roof was installed on top of a section of the completed IKO roof assembly membrane and cap sheet.

The Solution:

The IKO Torchflex™ ArmourCool Granular Roofing System delivered two key benefits: superior weather protection and a highly reflective surface. In this system, IKO integrates the proven long-term performance of an SBS Cap Sheet with a specially designed granule on top to reflect solar radiation. ArmourCool Granular exceeds the reflectivity requirements established by LEED SS7.2, delivering the necessary performance and helping preserve the environment. "We chose ArmourCool since the client was looking for a durable and reflective roof. And, this was our first project with LiveRoof. We're really proud of our IKO ArmourCool Roof System on the Kings College beautiful new facility," commented Bullock.

PRODUCTS

- IKO ArmourGard™ Ice & Water Commercial Peel & Stick
- 2.5 in IKOTherm™ Insulation hot mopped to 2.5 in layer of IKO Therm Insulation.
- One layer of Posislope tapered insulation with fibreboard - 2-4% slope
- One layer of ½" IKO Protectoboard™
- Modiflex™ 180-FS-Base Sheet hot mopped
- Torchflex ArmourCool TP-Cap sheet heat welded

COMMERCIAL WARRANTY ISSUED · Diamond Shield

“ We're really proud of our IKO ArmourCool Roof System on the Kings College beautiful new facility! ”



- **Jim Bullock**
President, Bullock & Sons Roofing



CLIENT/OWNER

King's University College
at Western University Canada

PROJECT SECTOR

Educational

APPROXIMATE PROJECT SIZE

2,508 sq. m. (27,020 sq. ft.)
Library - 994 sq. m. (10,700 sq. ft.);
Student Life Center - 1505 sq. m.
(16,200 sq. ft.)

PROJECT START & COMPLETION DATES

February 2012 – October 2013

ROOFING CONTRACTOR

Bullock & Sons Roofing, Sarnia, ON

GENERAL CONTRACTOR

K&L Construction, London, ON

ARCHITECT

Cornerstone, London, ON

ROOFING SYSTEM

Torchflex ArmourCool Granular TP

IKO ROOF

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**.

The information contained in the brochure is for general information only and is dispensed in order to aid the design professional. In the case of a discrepancy between the recommendations made in this document and the advice of a design professional, the advice of the design professional should followed.

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