

# Project Profile

## Brookside Intermediate School

PORTUGAL COVE-ST. PHILIPS,  
NEWFOUNDLAND AND LABRADOR



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# Project Profile

## Brookside Intermediate School

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### The Project

The new \$24 million Brookside Intermediate School is a two-story building located near the town hall of Portugal Cove-St. Philip's. The grades five through nine school includes a gymnasium, commercial kitchen, library and resources centre, home economics room, science labs, a technology and fabrication lab suite, two music rooms, an art room and a computer lab. With 31 classrooms, the school was designed for approximately 500 students and can accommodate an expansion of up to 700.

### The Challenge

The Brookside Intermediate School project demanded a rugged mechanically attached 2 Ply SBS roofing system that would perform well with the extreme weather conditions common in this area of the North Atlantic.

### The Solution

This signature IKO project provides outstanding performance in both roof and wall systems. IKO Enerfoil™ Insulation was utilized as the masonry cavity wall insulation due to its high R-value per inch and weather-resistant aluminum facers. IKO's AccuCut™ custom-cutting system was employed to ensure the best fit possible for the wall insulation. "Building envelope contractors have been asking for this factory-milled cutting service, and we're pleased it's now available across Canada," says Tim Wrigley, IKO Atlantic Provinces Technical Manager.

From the through-wall flashing, air barriers, insulation and mastics on the walls, to the durable 2 Ply SBS modified bitumen roofing system, this IKO building envelope package offers a sustainable solution that is ideally suited to a school environment.

### ROOFING SYSTEM DETAILS

#### IKO WALL SYSTEM

IKO AquaBarrier™ AVB Vapour Barrier • IKO AquaBarrier TWF Through Wall Flashing  
IKO AquaBarrier Mastic • IKO SAM™ Self Adhering Membrane Adhesive  
IKO Enerfoil 4" Insulation (factory sized with IKO's proprietary AccuCut System)

#### IKO 2 PLY MODIFIED BITUMEN ROOFING SYSTEM

IKO MVP™ Vapour Retarder • IKO SAM Self Adhering Membrane Adhesive  
IKO Millennium™ Adhesive • Gypsum Deck Board • IKOTherm™ Flat and Tapered  
Insulation • IKO Protectoboard™ 3mm Coverboard • Torchflex™ TP-180-FF  
Base Sheet • Armourbond™ Base Sheet Flashings • Torchflex TP-250-Cap Sheet  
and Flashings

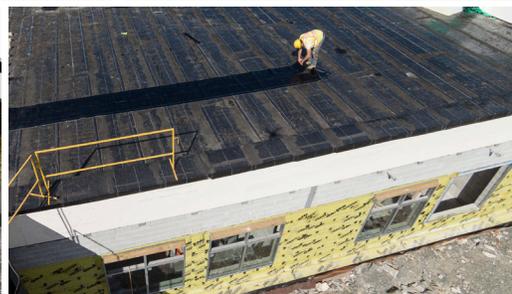
#### COMMERCIAL WARRANTY ISSUED

IKO AquaBarrier Waterproofing Material Warranty  
IKO 10-year Labour and Membrane (L&M) Limited Warranty

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- Tim Wrigley  
IKO Atlantic Provinces Technical Manager



**BUILDING OWNER**

Government of Newfoundland and Labrador,  
English School District

**PROJECT SECTOR**

Schools/Universities

**PROJECT SIZE**

Roof: 4,924 sq. m. (53,000 sq. ft.)

Wall: Approx. 5,017 sq. m. (54,000 sq. ft.)

**PROJECT START AND COMPLETION DATES**

Spring 2016 - Fall 2017

**ROOFING CONTRACTOR**

North Shore Roofing Ltd.

**MASONRY CONTRACTOR**

Reddick Brothers Masonry Ltd.

**GENERAL CONTRACTOR**

Marco Group

**DISTRIBUTOR**

Bird Stairs

**ARCHITECT**

Fougere Menchenton Architecture

# REFLECTOR



Find out more about our roofing, waterproofing and insulation products now by talking to an IKO sales representative or your professional contractor, or by contacting 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](http://IKO.COM/COMM)**.

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