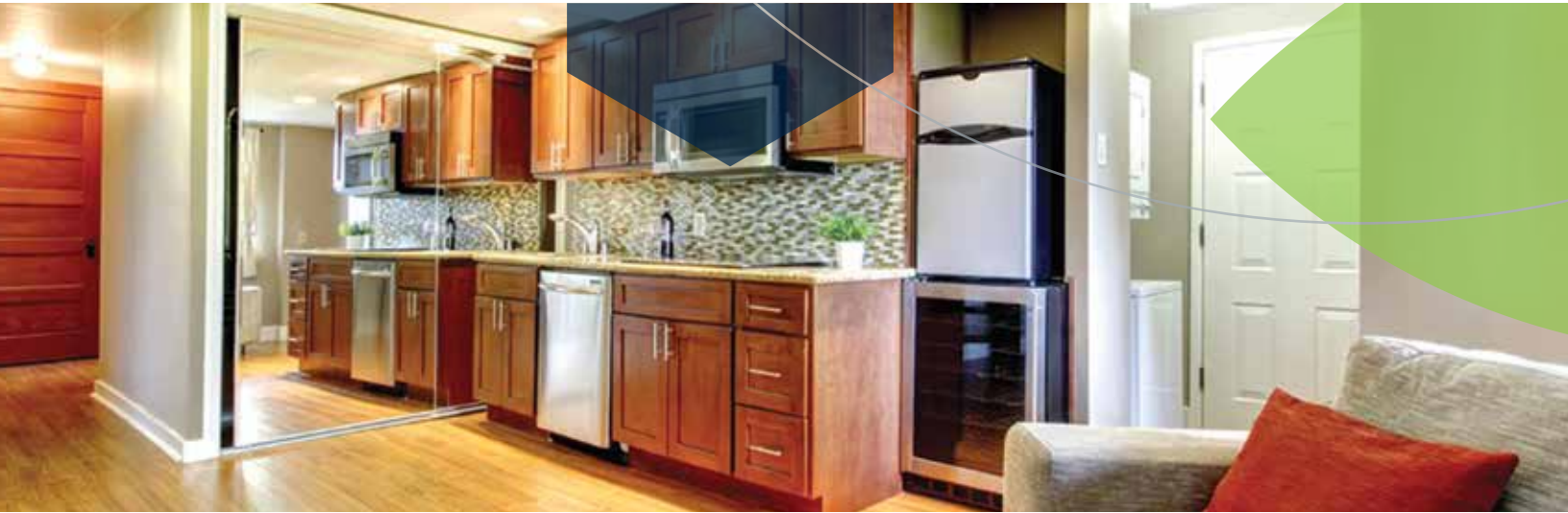


# RADON: WHAT YOU NEED TO KNOW



## REDUCE THE RISK OF SOIL GAS AND RADON ENTRY IN YOUR BASEMENT WITH SEALTITE ONE SPRAY FOAM.



Based on a 2012 Health Canada study, Radon exposure is the highest cause of lung cancer in non-smokers and is attributed to

**16% OF ALL LUNG CANCER DEATHS IN CANADA.**



Radon is a radioactive soil gas formed by the breakdown of uranium in soil, rock and water.



Radon gas is dangerous and can enter your home through the tiniest of cracks in your basement.

**NO PARTS OF CANADA ARE RADON FREE.**



Radon is potentially in every house and can vary from one home to the next in the same neighbourhood.

### RESIDENTIAL CONSTRUCTION

#### NATIONAL BUILDING CODE (NBC) REQUIREMENTS

- It is mandatory under the 2020 NBC of Canada to install a depressurization pipe in the gravel under the slab of new residential construction. A perforated pipe 4" in diameter must be installed in ¾" gravel and run to the centre of the surface of the floor slab.
- Health Canada and building codes have a recommended maximum allowable concentration of Radon gas in a dwelling of 200 Bq/m<sup>3</sup>.

**CLOSED CELL**

#### ULC EVALUATION REPORT

ER39311-03

#### AIR BARRIER SYSTEM

CAN/ULC-5742

## 3 REASONS TO FINISH YOUR BASEMENT

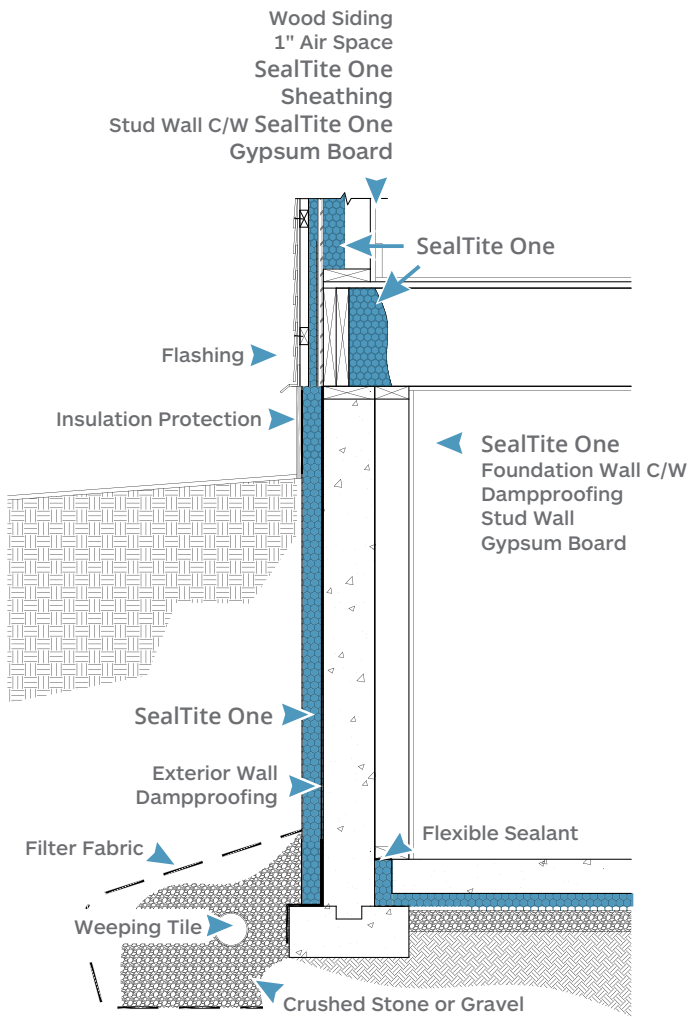
- Additional living space
- Increased property value
- Decreased energy bills

## 3 REASONS TO USE SPRAY FOAM

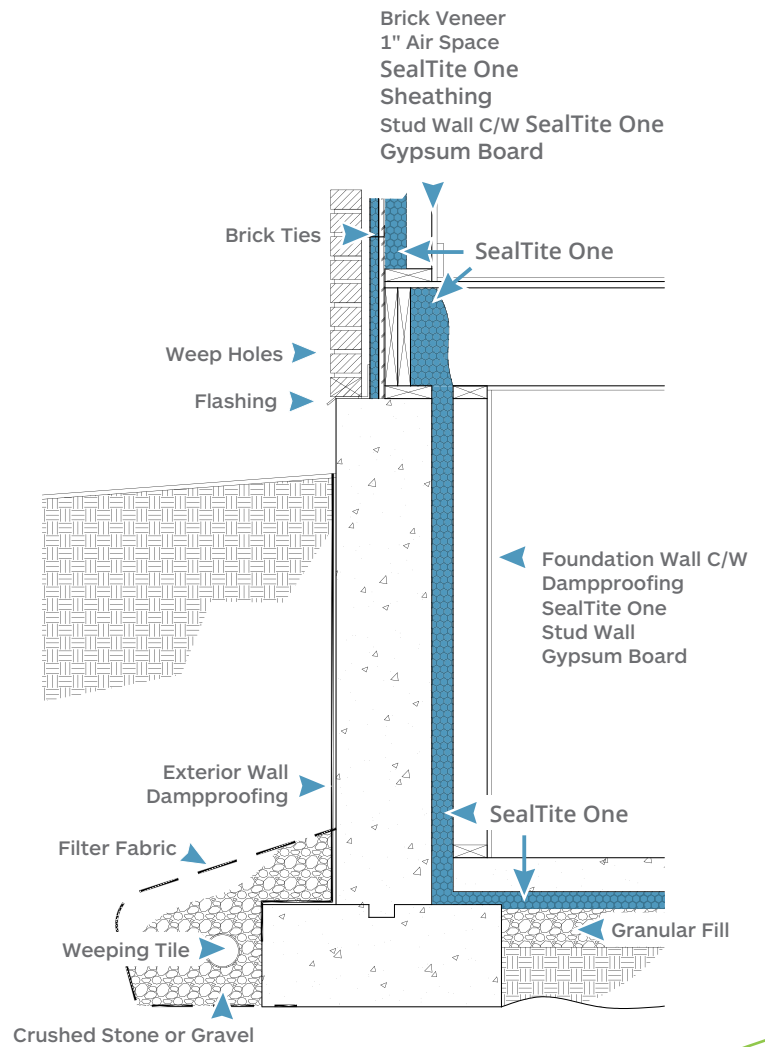
- It expands and fills every space and crack
- It reduces dampness and moisture
- Climate control and comfort in your basement



# RADON: WHAT YOU NEED TO KNOW



**EXTERIOR**



**INTERIOR**

## SEALTITE ONE SPRAY FOAM INSULATION/AIR BARRIER SYSTEM

is a high performance system ideal for basements. It provides an airtight envelope, better energy efficiency and improves comfort throughout your home. When applied to the foundation wall and under floor slab it is proven to be an effective barrier against soil gases like radon through third party radon testing.

