HUNTSMAN

BUILDING SOLUTIONS

One-Step Radon Protection

Canada's #2 Leading Cause of Lung Cancer

UL-ER47077-02

Most modern building regulations require all foundation seams and breaches to be sealed to prevent the incursion of radon, an invisible, odorless, radioactive gas and Canada's second most common source of lung cancer.

HEATLOK® SOYA HP™

Benefits of Using Spray Foam for Radon Abatement

HEATLOK® Soya HP™ has been tested for its resistance to radon gas by recognized independent laboratory tests that are comparing HEATLOK Soya HP to a 6 mil. polyethylene sheet (CAN-CGSB 51.34-M) for the abatement of radon gas. The results demonstrate that only 1.5" (38mm) of HEATLOK Soya HP is 19624 times more resistant to radon migration than 6-mil polyethylene.

Product Highlights

- 19624 times more resistant to radon gas than a 6 mil polyethylene membrane (at 1.5")
- Can be sprayed directly on crushed stone due to high compression strength
- Continuous insulation with no joints. Requires no sealant, tape or cutting of materials
- Exceeds building code requirements with a high insulation value.
- Tested in accordance with ISO/TS 11665-13.
- Air barrier material that meets CAN/ULC S741 and ASTM E 2178 and Air Barrier System complying with CAN/ULC S742 in accordance with the NBCC.
- ER40477-02 - UL Evaluated Radon Protection System

Radon is a noxious radioactive gas that is colorless, odorless and tasteless.
It is heavier than air and accumulates in basements.
It can infiltrate through several places:

- **Cracks in the floor slab or foundation walls**
- **The joint between the floor slab and foundation wall**
- **Openings in the floor slab or sumps**

HEATLOK Soya HP is sprayed on the substrate before the basement floor is poured. A single pass can seal the wall and the floor seams, as well as the space around utility fittings such as floor drains, sewer lines, and electrical conduits.

HEATLOK Soya HP is evaluated as insulation CCMC-14505-L, as an air barrier material in accordance with CAN/ULC S741 and ASTM E2178 and as an air barrier system in accordance with CAN/ULC S742, exceeding the requirements of the NBCC and the performance of typical products used for this application.

When a similar installation is done with the use of insulation panels, polyethylene, sealant, glue and tape, the overall performance and the quality of the job depend of the level of workmanship. In a single step with HEATLOK Soya HP, we create a durable and perfectly sealed structural envelope during and after the work. All plumbing pipes and vents, sumps and drains in the slab and walls are sealed in one operation, without any complication regarding compatibility of materials.

870 Curé-Boivin
Boisbriand, QC, J7G 2A7
(866) 437-0223
www.huntsmanbuildingsolutions.com

HUNTSMAN BUILDING SOLUTIONS

AN: 24.00007 | REV: 09.13.24