



One-Step Radon Protection

Canada's #2 Leading Cause of Lung Cancer



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.



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.

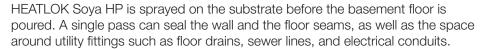
Product Highlights

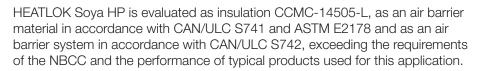
- 19624 times more resistant to radon gas than a 6 mil polyethylene membrane (at 1.5")
- Can be sprayed directly on crushed stone due to high compression strength
- Continuous insulation with no joints. Requires no sealant, tape or cutting of materials
- Exceeds building code requirements with a high 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





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.



