

**HUNTSMAN**

BUILDING SOLUTIONS



# One-Step Radon Protection

Heatlok HFO Pro / Heatlok HFO High Lift

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 America's second most common source of lung cancer.

## Benefits of Using Spray Foam for Radon Abatement

Heatlok HFO Pro and Heatlok HFO High Lift have been tested by a recognized independent laboratory for their resistance to and abatement of radon gas when compared to 6 mil. polyethylene sheeting (CAN-CGSB 51.34-M). The results demonstrate that only 1.25" (32mm) of Heatlok HFO Pro or Heatlok HFO High Lift are 65 times more resistant to radon migration than 6-mil polyethylene

### Product Highlights

- 65 times more resistant to radon gas than a 6 mil polyethylene membrane (at 1.25")
- 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 code by providing a 7.4/inch R-value under slab surface
- Tested in accordance with ASTM E2178 and E283
- ICC Compliant



Radon is a noxious radioactive gas that is colorless, odorless and tasteless. It is heavier than air and accumulates in basements. It can infiltrate in 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 HFO Pro and Heatlok HFO High Lift are sprayed on the substrate before a 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 passages. Heatlok HFO Pro and Heatlok HFO High Lift are ICC compliant air barrier, sealing gas as well as, or better than, industry standard products.



When a similar installation is done with the use of insulation panel, polyethylene, sealant, glue and tape, the overall performance and the quality of the job depends of the level of workmanship. In a single step with Heatlok HFO Pro or Heatlok HFO High Lift, 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.