

## Radon Gas Infiltration

Radon is an odorless radioactive gas that results from the natural breakdown of uranium in soil. Uranium is present in most of the soil and rock around the world. It is typically concentrated in areas with lots of granite, shale, phosphate and pitchblende.

The gas is a deadly carcinogen, accounting for over 20,000 deaths annually in North America. Studies show that sealing the sump and the floor drain eliminates the major source of radon infiltration.

- Radon gas comes from the decay products of uranium in the ground beneath buildings. It can seep in through cracks, sumps, joints, floor drains or other tiny openings in foundations.
- Radon gas emits radioactive particles that can be inhaled into the lungs. The adverse health effect—lung cancer—may not be produced immediately. An estimated 21,800 people die annually from radon-related lung cancer.
- Radon is invisible, odorless, and tasteless.
- One in 15 houses have elevated radon levels; however, in some states it is over 50 to 70% of homes. Elevated radon levels have been discovered in every state in our nation.
- The USEPA estimates as many as 8 million homes throughout the country have elevated levels of radon.
- Over 70,000 classrooms have radon levels above the EPA action level.

### Fast Facts

RADON - the second leading cause of lung cancer.  
RADON - is invisible, odorless, and tasteless.  
RADON - estimated 23,000 deaths yearly.

**SURGEON GENERAL'S WARNING: Radon causes lung cancer.**



The Green Drain can help to prevent harmful radon gas infiltration through unprotected drains. The Green Drain is an economical Drain Trap Seal Device that allows water to flow down the drain while preventing Pests, Odors, and Harmful Gases/Pathogens from infiltrating the living or work space.