WISECRACKS
SOUTHERN ONTARIO
FOUNDATION CRACK INJECTION SPECIALISTS

SAVING CANADIANS MONEY
FIXING BASEMENTS THE SMART WAY
FOR OVER 28 YEARS
Foundation wall cold joint leakage can be stopped using our WiseSeal® Injection system.

Vertical cracks in a poured foundation can easily be filled using the WiseSeal® formula. It works, guaranteed!

Window wells are a point of entry for unwanted water. We will replace your old, crappy window well with a clean, deep and drained well.

Water seeping up from flooring cracks due to extreme pressure – Our pressure relief system will solve this.

Sump Pump Maintenance Program – Leave the worry to us. We will come to your house semi-annually to inspect and maintain sump pump and pit.

Internal weeping tile systems runs to sump pit!!
WHAT’S IN THE BOOK?

- Company Information
- Services offered
- What’s New
- FAQs about Cracks
- Smart Sumps LTR2
- Contact Information
In Greek mythology, the goddess Athene was thought to symbolize wisdom and was often depicted with an owl nearby. That probably was inspired by the owls' big eyes and solemn appearance. The Greeks also thought owls had some sort of inner light that let them see at night.

Since 1991 we have served the residential, industrial, commercial and municipal markets in Canada using our unique foundation repair technology Wise Seal® Flexible polymer resins.

Over the past twenty five years, hundreds of thousands of successful jobs have been completed coast to coast across Canada; sealing leaks in below grade foundations and all related areas.
OUR CORE SERVICES

- Foundation Crack Injections
  - repairs, interior or exterior, using flexible resin injection, elastomeric membranes and sealants
- Interior and exterior drainage systems
- Sump Pump Maintenance Program
- Window well install/replace

- Basement inspection services
- Pools, cisterns, manholes
- Floor crack and joint sealing

- Commercial and industrial services including:
  - Parking garage repairs
  - Elevator shaft cracks and leaks
  - Utility room and basement foundation cracks
  - Industrial Sump Pit / Pump Systems

www.wisecrackscentral.com  info@wisecrackscentral.com  1.855.947.2725
WISE SEAL ® INJECTIONS

- Crack repairs use our polyurethane injection formula
- Wise Seal ® bonds to both sides of the crack in wet or dry conditions, expanding to create a compression seal.
- Wise Seal ® is formulated to activate upon injection making a form fitting gasket inside the crack.
FAST, RELIABLE, INEXPENSIVE
GUARANTEED THROUGH OUR LIFETIME WARRANTY

FOUNDATION REPAIR

WISE SEAL® KEY BENEFITS:

- Lifetime warranty in most cases
- No costly excavations required
- Minimal disruption to the client
- Clean and efficient process
- Non-intrusive process with no odour
- Non-toxic, cured product

- Impermeable to water and chemical resistant
- Environmentally Friendly
- Unaffected by freeze-thaw cycles
- Extremely Cost Effective
- Solid science
- Proven technology
- Average two hours per crack

BEFORE

POURED CONCRETE VERTICAL CRACK IS SHOWN HERE

AFTER

CRACK IS FILLED, AND CONCRETE WILL DRY TO WALL COLOUR

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Our certified technicians will be following a 15 item checklist:

✓ Inspect and test the present state of your existing sump pump and piping system
✓ The main and backup pump (if applicable) will be lifted out of the sump pit and they are cleaned and tested outside of the house to avoid a mess
✓ Intake valve and impeller will be cleaned and checked to make sure they are functioning properly.
✓ The float switch will be tested in various positions
✓ The motor of the pump will be tested using industrial standard methods to determine the useful working life remaining.
✓ The sump pit will be cleaned and the weeping tile area and stone layer will be examined and improved upon when needed.
PEACE OF MIND PROGRAM
SUMP PUMP MAINTENANCE

✓ Debris and sediment will be removed in some locations and a sump pit liner will be installed when necessary.
✓ Smell test - on occasion unusual smells occur and indicate a problem
✓ Checking the pump discharge line and for flow and for proper grading
✓ Pipe diameters are measured and logged
✓ The operation of the backup system will be inspected and tested (if applicable)
  ○ Battery backup tested for battery life span remaining
✓ Check valve inspection – test the check valve, install/replace if necessary
✓ A foundation inspection is included in each visit
✓ Rain barrel locations, lot grading, a catch basin requirements considered (French drain system).
✓ Recommendations are given and the report is reviewed, signed and dated by you and our technicians.

THERE ARE MULTIPLE AREAS FOR POTENTIAL COMPONENT FAILURE.
OUR SEMI-ANNUAL SERVICE AND INSPECTION PROGRAM IS A GREAT SOLUTION
Window wells can be the source of your leaking basement. We can make sure they aren’t by giving it a makeover.

- We handle any locates required before any digging can begin
- Remove existing window well to and approved recycler
- Supply and install a new galvanized window well
- Supply and install washed drainage stone
- Supply and install screened top soil around the new window well to promote drainage away from the foundation wall
FUN FACTS ABOUT CRACKS
BLOCK FOUNDATION LIMITATIONS

- Block foundations **cannot** be filled using injection techniques due to the large void area of each block.
- Material would continue to flow and would not fill crack consistently.
- Only two options for block foundations:
  1.) An interior pressure relief system
     OR
  2.) An external waterproofing solution
FAQS (FREQUENTLY ASKED QUESTIONS) ABOUT CRACKS

• **What areas do you cover?**
  Niagara & Beyond: Niagara Falls, Welland, Thorold, Fonthill, Port Colborne, St. Catharines, Grimsby, Stoney Creek, Hamilton, Brantford, Burlington, Guelph, Waterloo, Cambridge, Kitchener and more...

• **Are estimates free?**
  Estimates are generally free within the service area. Assessments or “inspections” are generally extra.

• **How long will a crack repair last?**
  Crack injections, when properly and professionally installed will typically last the life of the structure.

• **What if the crack is very small?**
  It is rare a crack is too small to be injection with our Wise Seal*. Cracks barely visible to the eye still require repair as often times a small crack can still allow a good amount of water inside.

• **Why does concrete crack?**
  Cracks in concrete are primarily due to shrinkage during cure and other construction practices when a house is built. Settling, structural overload, and other movements are other examples. Almost all basements will eventually develop a crack in the foundation wall.
I have two vertical cracks in my basement wall and was told by a repair company that I need a perimeter drain tile system. Do I have to spend thousands of dollars to keep my basement dry?

If a company says this right away, without proper assessment, run don’t walk! While there are times when a perimeter drain system is required, typically if there are obvious cracks that are leaking, that will be the first thing to repair if you have a poured concrete

Will low-pressure injection work on my crack blocked foundation wall?

No; blocks are typically hollow and porous. We would recommend alternate methods of repair, or calling a qualified stone mason.

How can I tell if the crack needs a structural repair?

Signs of structural cracks include horizontal cracks, cracks of 1/2” or greater, those significantly wider at the top than bottom, and offset cracks.

Can a crack grow in size?

Yes. Freezing, thawing, pressures from expansive soils and changes in surrounding moisture content are a few reasons that can cause cracks to grow.

Do you recommend injecting the leaking joint between the foundation wall and concrete floor slab?

No; the floor cove typically will not leak unless the drain tile is blocked and your sump pump is not working. Occasionally short distances along the cove might be injected with urethane to try and divert water back into the drain field, but if the drain tile is blocked or non-existent, this will not work.