

Shotcrete/Gunite/Foundation Repair

- Local engineers prepare structural drawings and do site inspections which guarantee the work's structural integrity.
- Gunite (sprayed concrete) compacts and builds upon itself, embedding steel reinforcement as it adheres to the existing wall of the back-up form.
- The compacting actions of the application produce a very dense, high strength concrete wall, with improved waterproofing qualities--with strengths of 6500 P.S.I.
- Concrete is forced into the existing wall cracks and irregularities, creating an excellent bonding to an existing surface.
- Resulting foundation wall is structurally superior to new foundation walls, at much less than cost of replacement walls.
- Work can generally be completed within (1) week and in any season of the year, with little disturbance to the continuous living conditions
- Engineered Gunite foundation repair is recognized by the Central Mortgage and Housing Corporation (CMHC).
- Older homes and commercial buildings can be regenerated economically (better than new).

Uses:

- Walls, swimming pools, tunnels, sewers, warehouses, shafts, weak banks along water (creeks, rivers, lakes, etc), new structures, tanks.
- Coating over straw bale houses or buildings
- Strengthening existing concrete and block walls
- Strengthening wood foundation walls
- Repairing of deteriorated concrete
- Rehabilitation of bridges, waterfront structures and dams

When does a foundation need shotcrete? Any time a concrete wall is being pushed in due to ground pressure from the outside ground or if the existing concrete has started to deteriorate. The best way to help prevent this from happening to your walls is to keep water away from your foundation.