



GTI-1000

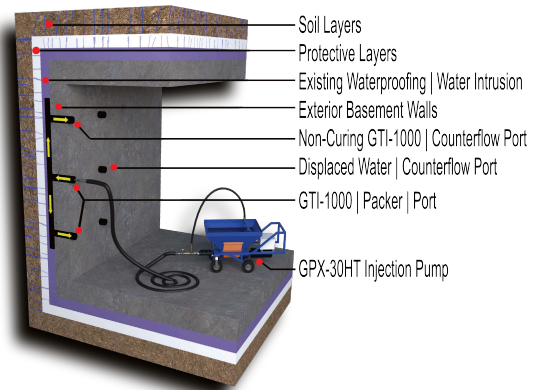
POLYMER RUBBER GEL INJECTION

INJECTION APPLICATION / LEAK REPAIR

GTI-1000 Polymer Rubber Gel was successfully applied at three separate sites to the positive side of 5 foot thick slurry walls to create a restorative waterproofing membrane to seal leaks. The first injection site included through wall injections in a utility bay room that was experiencing seeping leaks through the slurry wall and at the intersect of the soldier pile and slurry wall. Checking for counterflow, GTI-1000 Polymer Rubber Gel was injected from the bottom of the wall to the top directly adjacent to a soldier pile to stop leaks.

At the second location, a soldier pile slurry wall intersect was experiencing an active water leak of about 4 liters per minute. Using a similar injection approach as the first application, GTI-1000 was injected through the slurry wall to stop the active water leak.

For the third injection location, GTI-1000 was successful in stopping a leak at the intersect of a vent shaft into the tunnel. GTI-1000 was injected at the cold joint intersection to stop the water. GTI-1000 was successful in stopping some of the Big Dig's most difficult water problems.



PROJECT

THE BIG DIG, BOSTON, MA

- HIGH PROFILE PROJECT
- RESTORATIVE WATERPROOFING APPLICATION
- MANY MATERIALS PREVIOUSLY APPLIED
- THROUGH SLURRY WALL APPLICATION
- 5' THICK WALL INJECTION

