

CASE HISTORY

BBZ RESIN INJECTION SYSTEMS

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| Project: | Exchange Place Tunnel Plug Project Jersey City, NJ | Engineer: | Meuser Rutledge |
| Owner: | Port Authority | GC: | Railroad Construction Company, Inc. |
| Injection System: | Fuko Type 2 | Completed: | November 2001 |

Application: **Fuko Type 2 Injection Hose** was installed around perimeter of Path Subway tunnels. These tunnels had been flooded due to the events of September 11, 2001 at the World Trade Center. Because the Exchange Place Station is lower than the station beneath the World Trade Center, water from broken mains, and fire suppression were flooding the Exchange Place Station.

Meuser Rutledge and the Engineering staff of the Port Authority decided to plug the two tunnels. In order to make a watertight seal, **Fuko Type 2 Injection Hose** was installed around the perimeter previous to the concrete pour. **The Fuko Type 2 Injection Hose** was then used, after the appropriate cure time, to test the water tightness of the joints.

Even though the water test showed little or no water loss to the concrete, the decision was made to inject the **Fuko Hose**. BBZ mobilized and injected all four of the **Fuko hoses**, using less than one unit of **Duroseal Inject**.



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