



## Wastewater Inflow Abatement Technologies & Services

### ElastaSeal®

The use of ElastaSeal® to seal the chimney section of the manholes will provide an arresting factor to Inflow and Infiltration problems. ElastaSeal® is an aromatic urethane rubber. Urethanes are noted for extreme toughness, elongation, abrasion resistance, acidic resistance and longevity. The ElastaSeal® process allows a fast and simple method of sealing the adjustment ring area and joint sections on any concrete structure. When ElastaSeal® is properly installed; the adjustment ring areas and joint sections will not allow rainfall inflow and will not deteriorate from hydrogen sulfide, salt water or detergents.

ElastaSeal® will also increase the structural integrity of the manhole chimney, which may erode due to acidic gases in the environment. These gases take a major toll on cementitious products used in manhole chimneys. The bonding strength of ElastaSeal® is unequalled by any other product provided in this market.

When used to prevent the failure of the joint between the frame and a manhole liner (calciumaluminate, fiber glass, epoxy or others) the 800% elongation provided by ElastaSeal® is the perfect answer. This elongation will not allow the chimney to crack between the frame and adjustment rings due to ground movement, traffic vibration or thermo variations. When this crack is prevented, gases are not allowed to get behind the liner, deteriorate the substrate and force the liner to fail. ElastaSeal® will ensure that utility receives the full life and benefits of the liner installed.

ElastaSeal® is an inexpensive and permanent method of sealing the grade adjustment ring area and joint sections in manholes without excavation. ElastaSeal® will conform to any manhole shape without regard to irregular configuration, angles (to any degree/vertical or horizontal), and/or voids. Installation of ElastaSeal® coatings are performed by our company trained and certified application staff.

**USSSI is the exclusive manufacturer  
& marketer of ElastaSeal® products**

