

A Quicker Method of Manhole Restoration



Sauereisen, a company with decades of experience with Wastewater infrastructures, has coupled its proven materials with exciting new equipment and developed the "60-Minute Solution", an efficient and safe method of restoring

manholes. The "60-Minute Solution" is a three-phase process involving cleaning, substrate repair, and application of either a water infiltration material or a corrosion-resistant barrier. By this new method, as many as ten to twelve manholes can be restored in one day, with the majority of the work being done from street level.

The surface preparation phase of Sauereisen's process involves a



"The 60-Minute Solution"

Repairs that used to require 8 hours are now completed in 60-minutes.

Sauereisen's amazing new "60-Minute Solution" for restoration and protection of manholes is made up of quick and easy steps all performed at street level. Limited entry into the manhole not only saves time, but also eliminates danger of hydrogen sulfide exposure.

Quick & Easy Manhole Restoration



- Rapid cleaning of manhole with a specially designed hydrojetting unit.
- Installation of Sauereisen Substrate Resurfacer to restore structural integrity, or H2OPruf to seal against water infiltration.
- Spray application of SewerGard, a chemical-resistant polymer barrier.

Find out more about this revolutionary, one-of-a-kind system. Contact us by phone, fax or e-mail.



160 GAMMA DRIVE • PITTSBURGH, PENNSYLVANIA 15238-2389 USA
412.963.0303 • FAX 412.963.7620 • WWW.SAUEREISEN.COM

specialized Hydrojetting system that will clean a manhole rapidly from ground level. The system is comprised of a hydrojet nozzle fitted onto the end of a boom. This nozzle and boom are clamped onto the top of a manhole using a cover that fits over and seals standard castings. The hydrojet nozzle rotates along all three planes and utilizes pressures anywhere from 4,000 to 7,000 PSI. This process will clean a standard manhole in approximately fifteen minutes.

Often, after a severely corroded manhole has been properly cleaned, the sound concrete that is left is damaged and irregular. It is then necessary to repair any damaged areas and make the surface as regular as possible. Sauereisen's new process involves specialized materials, equipment, and a new "Spinning Nozzle". The rotation of this new nozzle will apply the appropriate material evenly to the entire inside circumference of a standard manhole. By this method the interior can be coated in approximately twenty minutes.

After the repair materials have been allowed to cure properly the structure needs to be protected against further corrosion. The same specialized equipment and nozzle is then used to apply a coating of the corrosion-resistant polymer barrier. This polymer coating, called SewerGard, has over a decade of success in the wastewater industry.

By coupling new technology with Sauereisen's proven product line; there is finally a new method for repairing manholes that is both safe and efficient. A national network of representatives and applicators is available to assist.