

A NEW PRODUCT FROM SAUEREISEN

Joins the SewerGard Family

SewerGard Glaze No. 210G

“A Versatile Barrier of Protection for Wastewater Environments.”

Q: What is the basic nature of SewerGard Glaze No. 210G?

SewerGard Glaze is a two-component epoxy coating specially formulated for use in Wastewater environments. It is based on the same polymer system as Sauereisen's traditional SewerGard series of polymer linings that have been serving the demanding needs of the Wastewater industry for almost twenty years. The new SewerGard Glaze provides the same chemical resistance as its sister products, but is formulated without aggregate so that it can be applied readily as either a thin-film topcoat or a stand-alone coating under the right circumstances.

Bottom Line: SewerGard Glaze offers an economical way of extending the service life of wastewater infrastructure. Many municipal engineers feel a greater peace of mind in specifying “just a little bit more”, and it is this security that Sauereisen No. 210G provides.

Q: What is No. 210G's intended use?

There are two primary reasons to specify Sauereisen SewerGard Glaze.

SewerGard Glaze No. 210G may be used as a topcoat to other SewerGard linings where a smooth, texture-free surface is desired. As an extra layer of protection, it extends the longevity of the SewerGard system that much further. In addition, it prevents surface accumulation of sewage debris.

No. 210G may also be used as a stand-alone coating. Given its inherent chemical resistance, SewerGard Glaze provides an adequate barrier between acidic conditions (MIC) and potentially vulnerable concrete and steel.

Q: What is the typical thickness and method of application?

After blending the hardener and resin components with a drill motor and mixing blade, SewerGard Glaze No. 210G is applied by brush, roller or airless spray. The typical application thickness is 20 mils (WFT). The material is 100% solids, and consequently cures to the same dry film thickness at a coverage of 80 ft² per gallon. Just like the other SewerGard products, No. 210G does not require a primer.

Q: How does Sauereisen plan to introduce SewerGard Glaze?

- Product data sheets for No. 210G are being incorporated into engineering binders, wastewater catalogs and the Sauereisen website.
- A product release is being written and will be distributed to wastewater publications.
- Promotional opportunities for SewerGard Glaze at trade shows begin in September. Our schedule of Wastewater shows for the balance of 2003 includes events in Pennsylvania, Ohio, Nevada, California, Florida and Virginia.

Q: Who are the customers? Where are the applications?

Ultimately, customers are those municipalities seeking to protect their Wastewater collection system and treatment plant structures from microbial-induced corrosion (MIC). The relevant infrastructure ranges from concrete manholes and lift stations to various tanks, clarifiers and structural steel beams. Each of these structures may have need for No. 210G to be used either as part of a multi-product protective system or as a stand-alone barrier to chemical attack.

A successful application of SewerGard Glaze has already occurred on a project in Topeka, KS. Sauereisen's basic No. 210 polymer formulation has been serving the Wastewater market since the 1980's, and some of the earliest installations – such as Jefferson Parish, LA – remain in service with no evidence of corrosion.

Q: How easy is the installation?

Anyone familiar with spraying Sauereisen's ConoGlaze line (or similar unfilled epoxy coatings) can spray SewerGard Glaze. As for either brushing or rolling, it doesn't get any easier. New users should request an official Sauereisen wet film thickness gauge to control their desired coverage.

Q: What type of testing is recommended?

As with all Sauereisen Wastewater lining systems, a holiday detector should be used to ensure a pinhole-free lining. Normal test voltage should be 100 volts per mil of coating/lining thickness. If any areas require touch-up, Sauereisen offers SewerGard Patch Kits.

Q: Are there any competitive products?

The short answer is yes. Epoxy coatings used in the Wastewater industry are numerous. It seems new products are introduced weekly, as more and more players attempt to penetrate this fast-growing market.

However, there is arguably no match to the breadth of product line for proven Wastewater materials of construction offered by Sauereisen. The available combinations and permutations of products serve to meet everyone's requirements.

Thinking of No. 210G as part of a more complete lining system, competitive lines are significantly confined. As of 1999, Sauereisen's original No. 210 was one of only 18 products that had survived the scrutiny of John Redner's 1991 evaluation of protective coatings. This landmark study conducted in Los Angeles originally tested 78 products stemming from several different chemistries within simulated Wastewater environments. Of the 18 survivors, only seven were epoxy systems.

The difference between Sauereisen and the competition is that our business is corrosion. We've served the Wastewater market as long as anybody, dating back to potassium silicate gunited systems prevalent in the 1970's. In combination with both an inclusive array of substrate repair and inflow/infiltration materials as well as proven, chemically-resistant linings, our SewerGard Glaze No. 210G truly adds icing to the cake.

To order additional SewerGard Glaze technical datasheets, please contact Linda Kelley in the Sales Department at extension 248.

August, 2003