

Manhole Coating Solutions

Engineered Solutions for Every Need



Don't just do the job half-way. Restore and upgrade.

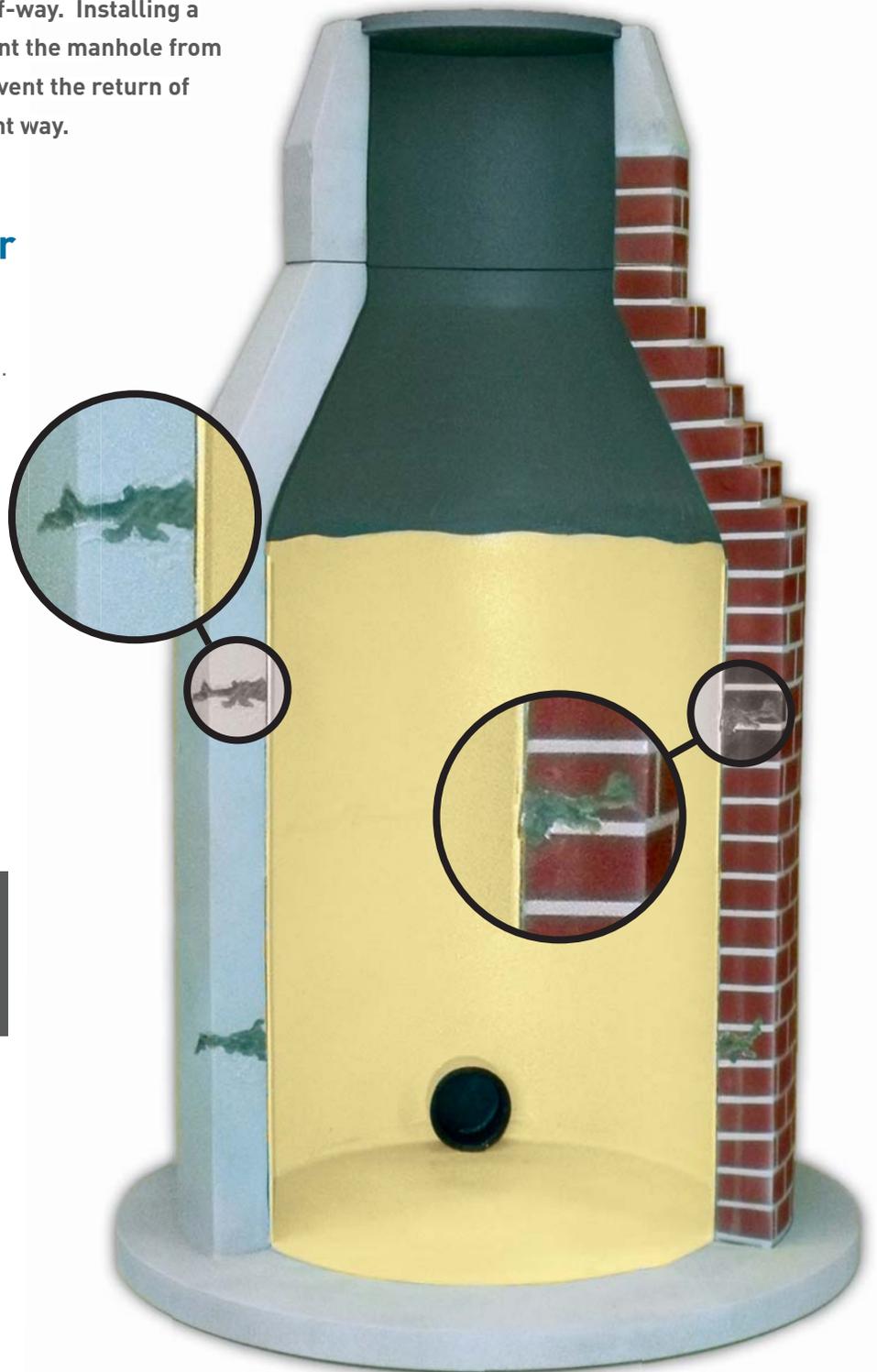
Carboline has the answers to the most common problems facing water delivery and wastewater collection systems. The Carboline system is not only a restorative coating system but one that fixes infiltration and is resistant to the severe wastewater exposures like attack from H₂S (hydrogen sulfide), and MIC (microbiological induced corrosion). Simply restoring the manhole is only doing the job half-way. Installing a lining system that can not only prevent the manhole from deteriorating again, but will also prevent the return of infiltration completes the job the right way.

Engineered Solutions For Every Need

There are a number of Carboline lining solutions to fit your repair/restorative need. Carboline lining system will prevent the return of infiltration, MIC, and H₂S induced corrosion.

Carboline offers a broad product line to solve the above problems:

- > Epoxies
- > Epoxy Mortar Lining
- > Hybrid Polyurethane Elastomeric
- > Polyurea Elastomeric
- > Cementious Mortar



**AT CARBOLINE WE DON'T JUST SELL YOU
WHAT IS ON THE SHELF, WE PROVIDE YOU
THE SOLUTION THAT YOU NEED.**

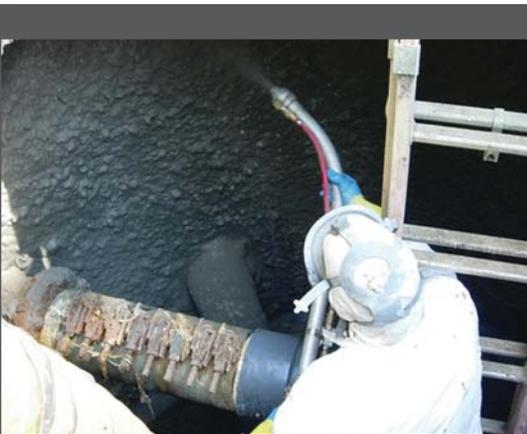
Concrete Resurfacer and Repair

Carboguard® 510 Series

Carboguard 510 Series is an epoxy modified mortar that can be sprayed or troweled on. It exhibits excellent bond strength to wet or dry concrete and other masonry surfaces. The standard 510 product is the trowel grade version designed to fill large bug holes, voids, and cracks. The unique spray-grade version 510 SG is formulated with fast application properties for quick turnaround of repairs and resurfacing projects.

Carbocrete® 522

A spray-grade, economical, shrinkage-compensated, repair mortar, and surfacing compound that exhibits excellent bond strength to concrete. It is ideally suited for substrate resurfacing and waterproofing barrier. It can be topcoated by Carboline's lining systems.



Carboline Lining Products

Plasite® 5371

100% solids aggregate-filled 1/8" (125 mils) spray/trowel applied epoxy polyamine high-strength monolithic immersion liner. This non-sagging lining is applied to steel or (damp or dry) concrete. Excellent resistance to hydrogen sulfide and acids generated by MIC encountered in wastewater treatment environment.

Plasite 4500 S

100% solids, flake-filled, high performance epoxy designed as an internal tank lining for aggressive chemical storage. It is suitable for use in potable water tanks/piping conforming to ANSI/NSF Standard 61 for drinking water components. Plasite 4500S is applied by standard airless spray equipment, at film thicknesses of 20-60 mils (500-1500 microns) in a one coat application, depending on the service for a variety of applications.

Reactamine® ET - Polyurea

Ultra high-build, flexible, plural-component applied coating used as a lining for immersion and containment applications. Low temperature cure, single-coat and extremely quick cure capabilities provide benefits for a variety of applications. Outstanding for use in municipal wastewater or process water applications. Excellent abrasion resistance and fast turnaround applications.

Reactamine 760 - Hybrid Polyurethane

High-build, flexible, plural-component applied coating used as a lining for aggressive immersion and containment applications. Cold temperature, single-coat and extremely quick cure capabilities provide benefits for a variety of fast-turnaround applications. Outstanding for use in potable water, wastewater, or process water applications.

GLOBAL COATINGS LEADERS™

RIGHT PEOPLE • RIGHT PRODUCTS • RIGHT LOCATIONS



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