

Manhole Mayhem

The Latest Products in Manhole Installation and Rehabilitation

I&I BARRIER Polyethylene Chimney Seal

I&I BARRIER is an easy way to seal the upper section of a manhole from infiltration and give the owner long-term protection against pavement settling. With the I&I BARRIER there are no internal or external bands to set and adjust, there are no callbacks because the sleeve has fallen into the sewer line and there is no wait. Its installation is as simple as 1-2-3. Step One: Set the I&I Barrier with the supplied sealant on the manhole cone. Step Two: Dry stack the adjusting rings and cast iron frame to the

desired grade. Step Three: Trim away any excess at the top and place the cover. It is lightweight and unbreakable. The I&I BARRIER is just another easy-to-use tool in the manhole renewal toolbox.



Mr. Manhole

Engineers are aware that although the manhole chimney accounts for only 10 percent of the manhole structure, it is responsible for 50 percent of the leakage. Now there's an easy fix for these damaged sewer doorways using your trusty skid steer.

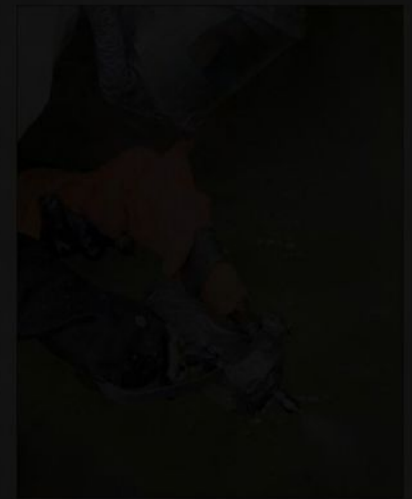
The Mr. Manhole system can quickly cut and remove a manhole frame and lid down to the cone level and rebuild it level with the height and slope of the road, guaranteed not to leak with a 20-year design life. The system works on a skid steer (or better yet track loader) and



uses a plastic, stay-in-place form to prevent water and gas from deteriorating the cast-in-place, epoxy-coated, re-rod, reinforced concrete collar. The attachment works off an auger-drive to spin and cut through asphalt and concrete, removing the manhole casting and road over cut in just minutes. The tool works best on a unit with at least 20 gpm of flow and any auger drive will work (no special controls or hydraulic circuits are needed).

"Green" Manhole Coatings

Sprayroq, an industry leader in the development of spray-applied polyurethane solutions for infrastructure rehabilitation, corrosion management and infiltration control now offers a Green product line for corrosion coatings in wastewater collection and treatment systems. Sprayshield Green has replaced 35 percent of its petroleum-based components with a unique, environmentally friendly renewable source material. This flexible, 100 percent solids polyurethane coating provides chemical resistance for concrete, steel, masonry, fiberglass and other surfaces in municipal, industrial, agricultural and maritime applications. Its quick curing time allows the newly protected structure to be returned to service immediately.



SewperCoat

SewperCoat is a technological breakthrough in cementitious material designed specifically for the municipal wastewater industry to provide a structural, abrasion and corrosion-resistant, protective lining against biogenic corrosion relative to hydrogen sulfide (H₂S) found in wastewater environments.

The unique mineralogy of SewperCoat is the key to its ultimate performance. Both the cement and aggregate in SewperCoat are 100 percent, pure fused calcium aluminate.