



PROVEN & EFFECTIVE MANHOLE REPAIR MATERIALS



STABILIZE SOIL & CREATE A WATER TIGHT BARRIER

I&I Guard®-MSF (Soil Stabilization Foam) is designed to both remediate infiltration and stabilize soil by migrating beyond the structure into the loose soil and into below-grade voids. As the material begins to react it expands to form a rigid foam, forming a water tight barrier.



EXTREME CORROSION PROTECTION AND FULL STRUCTURAL LINING CAPABILITY

Structure Guard® is a 100% solids epoxy lining system. Extremely corrosion resistant and contains no VOCs, it is typically used for protective lining or as a top coat in structural lining composite systems that employ Qualex Repair Materials such as AluminaLiner® or QM-1s Restore®. It can also be designed as a fully structural liner in certain conditions.



CURTAIN GROUT AND SOIL STABILIZATION

Injected at the leak source, I&I Guard™-SSF polyurethane foam grouts are designed with a wide range of densities to fill deep voids and address I&I threatening eminent sinkhole conditions.



MAJOR DEFECTS

When age and deterioration leads to cracks, defects, deterioration and leaks, Hyperform® is a single component, rapid-setting, high early strength patching mortar.



LEAKING INVERTS AND LATERALS

I&I Guard™ is a dual component hydrophobic polyurethane grout, with a 1-3 second reaction time. Perfect for running/gushing leaks, up to 50 GPM (189 LPM).



CHIMNEY/CONE SEALING

Freeze/thaw conditions ultimately lead to expansion and contraction, a common cause of infiltration in manhole chimneys. Chimney Guard® is a hybrid epoxy urea coating. It is ready to use, does not require a primer and offers 270% elongation to prevent this very common situation.



PERSISTENT WATER SEEPAGE

I&I Guard™-SCF is a deep penetrating, single component, closed cell, pre-catalyzed, hydrophobic grout. Works best where leaks are slow, allowing the foam to reach and set deeper behind the crack.



LOW FLOW LEAKS

Quad-Plug® is a blend of hybrid cements and admixtures. It was developed to instantly stop water seepage, up to 5 GPM (19 LPM), in concrete and masonry structures.



FULL STRUCTURAL RENEWAL AND CORROSION PROTECTION

QM-1s Restore® and AluminaLiner® can be used as stand alone structural, mild corrosion resistant linings or as underlayments in both semi and fully structural composite systems when restoring the entire manhole structure.



DETERIORATED BENCHES

Hyperform® is a perfect solution for bench rebuilding. It can be easily shaped and sets up quickly.

