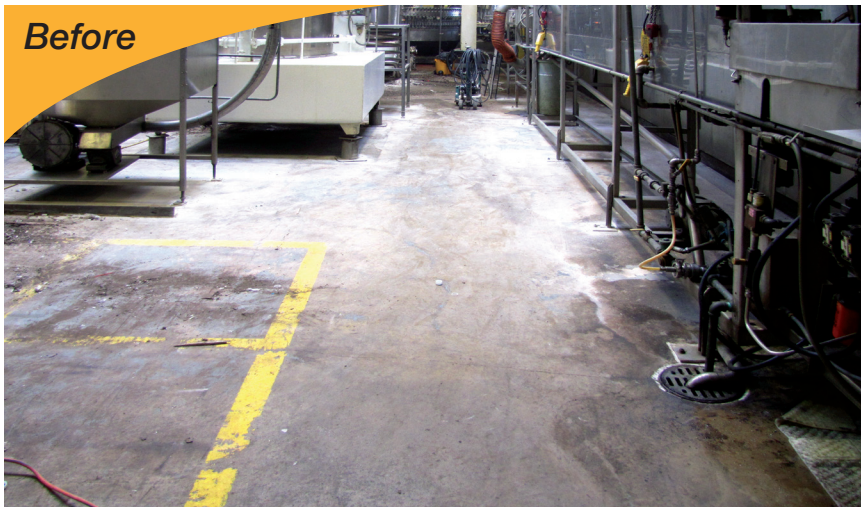


Case Study



Detroit pop maker uses Michigan's preferred coating and flooring provider

The condition of food and beverage facilities are a significant concern to regulators who will leverage fines and require infrastructure improvements. The industry must actively eliminate the threat of bacteria growth to ensure the quality and safety of their products.

A Detroit beverage maker was in need of significant improvements to one of their main production lines. Heavy exposure to sugary beverages and acidic juices created significant damage to the concrete and coatings. Channels traveling from the production line to the drains were eroded into the floors. When floors are not draining properly, water will harbor the growth of bacteria and microbes which threatens the safety of the product. To ensure the quality of

their product, Michigan Specialty Coatings was contracted to install a urethane mortar floor system. Urethane mortar is designed for the food & beverage industry to offer superior resistance to chemical exposure, thermal cycling, corrosive cleaning agents and acidic fluids.

Project Brief

- ✦ **In 4 days, over 5,000 square feet** was scarified and shot blasted before a 1/4" urethane mortar system was installed
- ✦ **7-man crew** working 12 hours shifts
- ✦ Drains were rebuilt to ensure proper drainage

Project Services & Systems

Urethane Concrete Mortar

Designed for the food & beverage industry, this system provides premium protection in wet environments. Urethane concrete mortars have superior resistance to staining from exposure to organic acids, solvents, and chemicals. With thermal shock protection up to 220F, this system is perfect in areas experiencing frequent hot water wash downs and thermal cycling.

Performance - quick-cures in hours, NOT days; chemical, acid and solvent resistance; designed for wet environments; stain, impact, & abrasion resistance

Applications - food and beverage, meat processing, breweries and wineries, bottling and packaging facilities, food processing, pharmaceutical, healthcare

Antimicrobial Floor & Wall Systems

Antimicrobial floor and wall systems provide superior protection from bacterial and microbial growth. Damaged concrete or deteriorating coatings create a place for microbial growth which threatens your organization's bottom line. Antimicrobial floor and wall systems penetrate into the concrete substrate, creating a safe and hygienic environment for food and beverage operations. Antimicrobial floor and wall systems provide the greatest protection against contamination.

Performance - chemical resistance, impact resistance, abrasion resistant, seamless, easy to maintain, heavy load capacity, resistant to thermal cycling

Applications - dairies, meat processing, food and beverage, kitchens, laboratories, pharmaceutical

Tank Lining & Containment Systems

Corrosion resistant coatings protect food and beverage applications of concrete containments, steel substrates and storage tanks. Long-service life and solvent resistance are key benefits of vinyl ester, epoxy reinforced containment systems. Lining systems protect critical assets with superior chemical resistance for environments with heavy chemical exposure.

Performance - superior chemical resistance, corrosion resistance, solvent resistant, long-service life protect your investments

Applications - grain silos, production tanks, kettles, containment and storage tanks

Quick-curing Floor Repair Systems

Quick-curing floor and drain systems allow production facilities to be back to service in the same day. Strict health and safety regulations in food and beverage facilities require careful maintenance of drains and floors to keep your product and customers safe. Whether you are moving or installing new equipment, ready to repair damaged concrete or need to correct the pitch to a drain, food and beverage customers across the Midwest trust our experienced service teams to get them back to service in the same day.

Performance - quick-curing products allow for same-day solutions that provide chemical and impact resistance, and clean, safe to work environments

Applications - equipment changes, alternating lines, pitching to drains, traffic lane patching

Michigan Specialty Coatings is the preferred coatings provider to the industry's leading product manufacturers

Our close relationships with the product manufacturers provide us access to the best quality coatings available.

Whatever the operation, Michigan Specialty Coatings can offer a customized flooring solution that meets the unique needs of your facility.



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