

# Case Study



## Pickle pioneers lean on experts at Michigan Specialty Coatings to improve their facilities.

Food health and safety is the primary concern for the FDA. The flooring condition in food and beverage facilities are a significant concern to regulators who will leverage fines and require infrastructure improvements. As a pickling company jarring out millions of pickles each year, heavy exposure to high temperatures and harsh chemicals quickly destroy concrete and weaken coating systems. Cracks and joints, that develop, harbor water to create an environment where bacteria can grow. To ensure the quality of their product and safety to their employees, our customer installed an urethane mortar floor system. Urethane mortar is designed for the food and beverage industry. It delivers a high-performing solution capable of handling these extreme

environments. Urethane mortar is resilient to frequent thermal cycling, heavy wear and corrosive cleaning agents.

### Project Brief

- **In only 8 days, over 13,000 square feet** of failed coating was removed, the substrate prepped & trowel applied urethane mortar was installed
- **Two 10-man crews rotating shifts** providing progress 24 hours a day
- **MSC Floors has installed more than 63,000 square feet of urethane mortar to date**

# Project Services & Systems

## Urethane Concrete Mortar

Designed for the food and beverage industry, this system provides premium protection in wet environments. Urethane concrete mortars have superior resistance to staining and from exposure to organic acids, solvents, and chemicals. With thermal shock protection up to 220F, this systems 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, and abrasion resistance

**Applications** - food and beverage, meat processing, bottling and packaging facilities, food processing, pharmaceutical, healthcare, confectionaries

## Antimicrobial Floor & Wall Systems

Antimicrobial floor and wall systems provide superior protection from bacterial and microbial growth.

Damaged concrete or deteriorating coatings create a safe haven for microbial growth which may threaten your organization's bottom line. Antimicrobial floor and wall systems penetrate into the concrete substrate, creating a safe and hygienic environments for food and beverage operations. For those taking health and safety serious, anti-microbial floor and wall systems provides 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 and 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 meet the unique needs of your facility.*



[www.mscfloors.com](http://www.mscfloors.com)

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