



# UNIQUE SOLUTIONS

CPI Industrial helps Cargill facility adhere to FDA regulations

## Scheduling Constraints

CPI Industrial worked together with the onsite engineers to put a schedule together that allowed this bean processing facility to continue to run while we repaired their flooring problems.

## Properties Necessary

Needed a system that was able to withstand forklift traffic, severe thermal shock, was abrasion and impact resistant, and seamless to inhibit bacteria growth.

## Solution

CPI Industrials 1/4" Urethane mortar slurry was chosen because of its ability to handle the thermal shock of the hot oil and daily sanitation process. There new seamless system was also resistant to the chemicals used in the same sanitation process. The new non-slip finish also made it safe under foot for the employees.



## Easy to clean / Non-slip Finish

Being a worldwide leader in providing food and beverage manufacturers, food service companies and retailers with high-quality ingredients, health promoting ingredients and ingredient systems, Cargill required a resinous flooring system that was monolithic and easy to keep clean to help inhibit the growth of bacteria.

Due to their daily sanitation process, Cargill exposes their flooring surfaces to extreme thermal shock. With food Safety being a top priority, a seamless system is needed to help ease the sanitation process and make it hard for bacteria to grow and multiply.





### Thermal Shock Damage

The thermal shock from the actual plant processes as well as the sanitation process can be very destructive on a coatings or lining system that is not designed to handle that kind of abuse.



Poor preparation and bond of previous coating systems were also visible throughout the facility. CPI Industrials preparation included the removal of these loose and failing coatings down to the concrete to ensure the bond of the new urethane mortar application.



### Example of Urethane Mortar System

