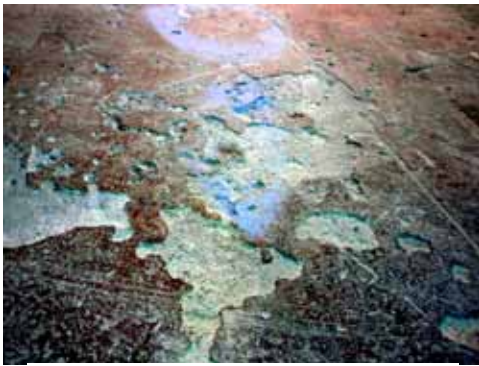


## INTERNATIONAL COATINGS INC.

### Case History – BNE ICO Floor 51 Power Trowel Installation

When a food facility needed a tough, durable floor with moderate chemical resistance in a short amount of time they called **BNE Contractors** to provide a recommendation and quote. **BNE** has a reputation for being a leader in restoration and came highly recommended by a large concrete contractor. The existing floor had lots of height transition issues, old coatings and cementitious floor leveling materials. Some areas of the floor had up to 1.5" of old polyurethane cement that needed to be removed.

With all the different issues it was very important to complete a thorough assessment of the facility. **BNE** spent approximately 12 hours on site sounding the floor, chain dragging, shooting elevations and inspecting the floor. They had a huge advantage over their competitors with their arsenal of prep equipment and the fact that they planned on power trowelling resin-rich ICO Floor 51 to greatly reduce downtime. After their thorough analysis of the floor they provided a comprehensive proposal that included videos and case studies of their previous work that gave the client a high comfort level and they were awarded the project.



Old Coatings



Dry Storage Area



Grinding the Floor

In all they recommended three different systems: **1.)** 4,000 sq/ft of ICO Floor Coating applied with a full broadcast and topcoat with slip resistant texture for a total of about 40mils thickness in a dry storage area, **2.)** 30,000 sq/ft of ICO Floor 51 power trowelled at a ¼" thickness and top coated with ICO Floor Coating finish for improved aesthetics and added a slip resistant texture in the processing area; and **3.)** 2500 sq/ft of Ureguard TL applied at ¼" thickness in a fryer area.

The first step involved milling off approx 18,000 sqft of ½" – 1.5" sloping materials, old floor leveling materials and resurfacers. They used a 20" shotblaster, 10" scarifiers, 32" diamond grinders and a 16" milling head that was driven by a bobcat to prep the floor. ICO Primer LV was applied at about 250 sq/ft per gallon on all the surfaces. There was no need for patching because they were able to fill low spots and holes with the ICO Floor 51 while power trowelling. Even though they were new to power trowelling a resin rich system they completed 5,000 sqft using a crew of six on the first day and got better as the job went on.



The Customer is very pleased. They now have a functional floor with aesthetics that exceeded their expectations.