

## J.M. Smucker (Canada) Inc. - Bick's Pickles

Dunnville, Ontario

### Urethane Flooring

#### Problem

J.M. Smucker - Bick's Pickles division is Canada's leading supplier of pickles and condiments to commercial and food service customers. The company's 105,000 sq.ft. Dunnville facility employs as many as 650 people during peak season, and produces approximately six million cases of quality condiments every year.

Like many food processors, Bick's is constantly challenged by corrosion to its concrete surfaces. This corrosion is caused by continuous exposure to acidic juices as well as thermal shock from frequent hot water wash-down, and abrasion from heavy tow motor traffic. In order to maintain the high standard of hygiene required in the HACCP certified plant, Bick's recently decided to resurface a 6,000 sq.ft. area of concrete floor to prepare for a newly extended packaging line, as well perform restoration and resurfacing of another floor area previously topped with an epoxy mortar.

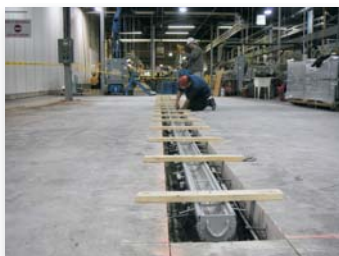
Bick's needed a protective flooring system that would stand up to the organic acids, thermal shock, and heavy tow motor traffic; while at the same time provide a hygienic, cleanable surface with the required slip resistance for employees working in the wet areas.



*Extended packaging line flooring*

#### Solution

Inscan Contractors Specialty Contracting Division recommended a 1/4" thick urethane flooring system, which has been used successfully in the food and beverage industry for over two decades. Prior to the application of the new floor, Inscan technicians installed a new trench drain to accommodate the extended line. The concrete was then prepared by steel shot-blasting to create a surface profile for optimum bond strength. Once the preparation was complete,



*Installation of trench drain*

the urethane mortar was applied and an integral cove base was installed at the base of the wall to improve cleanability. The area of failed epoxy flooring was prepared by chipping hammer and scarifier to remove any loose material, and resurfaced with the same polyurethane topping. Bick's Pickles is extremely pleased with the performance and appearance of their new flooring, and with Inscan's ability to get the job done within the available shutdown window.



*Floor restoration - before & after*

**Inscan Contractors (Ontario) Inc.**  
 Specialty Contracting Services Division  
 212 Wyecroft Rd., Unit 33, Oakville, ON L6K 3T9  
 Ph: (905) 842-5075 Fx: (905) 842-5895

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

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