Magnotta Winery

Vaughan, Ontario

Polyurethane Flooring

Problem

Magnotta is Ontario's third largest winery, and the most award-winning winery in Canada. The company produces and retails wine, beer, spirits and wine making juice through its seven locations in Ontario. The company's Cellar Master, John Barone, was having a problem in the "Festa Juice" customer pick-up area of the Vaughan manufacturing facility. As well as appearing unsightly to customers, the existing floor coating was very slippery from spilled juice and the water used in frequent wash-downs of the area. In addition, the organic acids in the juice and the products used to clean and sanitize the area were beginning to cause corrosion in the coating and concrete slab below. Magnotta needed a protective flooring system that would:

- stand up to the acids and chemicals
- withstand tow motor traffic
- resist damage due to thermal shock in the cooler
- provide an attractive, cleanable surface with the needed slip resistance for patrons and employees

After - completed floor in Customer Pick-up Area

Solution

Inscan Contractors Specialty Contracting Division recommended a 1/4" thick polyurethane mortar system, which has been the floor of choice in the food and beverage industry for over two decades. Prior to the application of the new floor system, the area was shot-blasted to remove the existing coating and to impart a surface profile on the concrete for optimum bond strength. The perimeter of the area was then sawcut to provide a neat termination point for the mortar and to avoid a feathered edge which could lead to delamination. Once the preparation was complete, the polyurethane mortar was trowel-applied and a cove base was installed at the floor/wall junction to improve cleanability. The following day, a chemical resistant urethane sealer was applied to finish the system.

Before - failed coating, corrosion in concrete

Magnotta is now pleased to have a floor that not only satisfies all of their physical requirements, but also provides the aesthetics worthy of their world-class operation.

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