



ICO Case History – S.C. Johnson & Sons, Racine, WI

Introduction

S.C. Johnson & Sons in Racine, WI was having problems with their floors around their Drano products filling lines. Occasional spillage of the Drano was deteriorating their previously installed floor coating and making the floor very slippery, creating unsafe working conditions. Their Engineering Product Manager was looking for a floor coating that could stand up to the corrosive properties of Drano while being safe for his employees to walk on while wet and easily cleanable.



Discussion

Safety of S.C. Johnson's employees being their biggest concern the floor coating was going to have remain non-slip under wet conditions yet still easily cleanable. Secondly he was looking a floor that would was tough enough to handle the daily contact with the Drano product and hold up its appearance. Based on the customer requirements, we specified our ICO Guard 51 seamless flooring, trowel applied at ¼" thickness with a topcoat of ICO Guard Coating in our Tile Red color. ICO Guard 51 was selected because of its lack of odor, impermeability to liquid penetration, and its excellent resistance to a wide variety of chemicals and solvents. With the added concern of safety, ease of cleaning and overall appearance the topcoat of ICO Guard Coating would improve the cleanability of the floor and have the right texture for traction control.

Installation

The contractor, Creative Maintenance Solutions, first removed the old floor coating and any loose concrete was completely removed and patched with ICO Guard 51.



The three-part, odorless, ICO Guard 51 was trowel applied at about 27 SF/gallon, anti-slip characteristics were enhanced by broadcasting in silica quartz. For ease of cleanup and an enhanced appearance a topcoat of ICO Guard Coating in Tile Red was applied at about 10 mils thick.

Results

The customer is very pleased with the results and the floor is holding up well to the Drano. Most importantly the floor provides a much safer working conditions for his employees. After almost a year of use, the floor has held up well and has provided the safety and appearance desired by the customer.