

Micro-Brewery Floor



THE SITUATION

A local micro-brewery approached LINE-X for a product to seal a new brewery floor. This customer was renovating a space in the restaurant to begin brewing beer in-house.

During the brewing process, hundreds of gallons of water are regularly consumed for washing tanks, tools and hoses. This water combines with cleaning agents and other brewing products in a continuous washing and rinsing process. Before the renovation, the brewery tanks drained onto an unfinished concrete floor.

Without protection, the concrete floor would quickly deteriorate requiring costly maintenance and upkeep.

THE SOLUTION

LINE-X provided a solution that was two-fold - it channeled water towards the drain and allowed the water to be more easily contained.

To channel the water, a thick film polyurea, LINE-X XS-330, was used to seal the floors and 12inch stem wall. Because of the coating's fast cure time, it can be sprayed vertically without running or dripping. This unique ability allows the coating to create a monolithic membrane that effectively seals the area where the floor meets the wall and forces water towards the drain.

Because LINE-X is applied through a high pressure spray machine, the process and application technique creates a complete, watertight seal over the porous concrete. There are no solvents associated with LINE-X products, which means there are no air pollutants or harmful environmental contaminates.

THE RESULTS

The customer is very happy with the final product. No more concrete erosion.

LINE-X XS-330 has protected the floor from water damage and deterioration. The floor is easier to clean and inhibits bacterial growth that would have flourished in damp conditions.

An added bonus of the LINE-X application is the textured surface. By applying a light texture to the coating, it promotes safety by providing a sure footing for workers but is not so heavy that it prevents water from draining.