



## CHEMICAL DRAIN BASIN

CASE HISTORY #029 REV.04-97



Cracks in the concrete flooring



Application of ARCOR™ ARCRETE

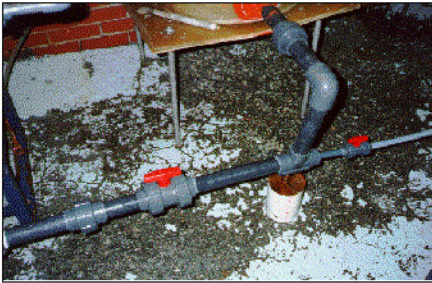


Basin repaired and in service

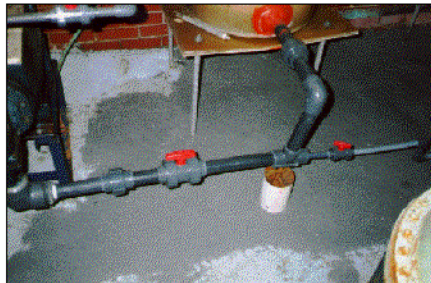
A concrete liquid-waste drain basin, located next to a river, settled over the years, developing large cracks in the floor. High-pressure water wash was used to clean the substrate, followed by light abrasive-blasting to further clean and roughen the surface. ARCOR™ ARCRETE was applied to the floor 1-inch thick to fill the cracks and form a continuous protective lining. Two layers of chemical resistant ARCOR™ S-20 were then applied as a top coat

## DEMINERALIZER FLOOR

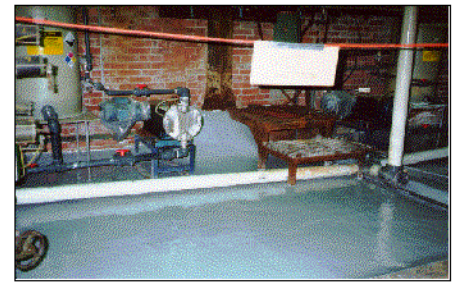
CASE HISTORY #030 REV.04-97



Severely damaged concrete floor



After application of ARCOR™ ARCRETE



Topcoat of ARCOR™ S-20

A concrete floor in a demineralizer chemical storage area was severely attacked by sulfuric acid and sodium hydroxide. The floor was high pressure washed. A layer of ARCOR™ ARCRETE was applied to severely eroded areas. Next, ARCOR™ S-20 was installed. The base coat was then thoroughly cleaned and top coated with ARCOR™ S-20. In areas where leaks were present, ceramic tiles were cemented in place with ARCOR™ TS-RB for extra protection.

## NEUTRALIZATION BASIN REPAIR

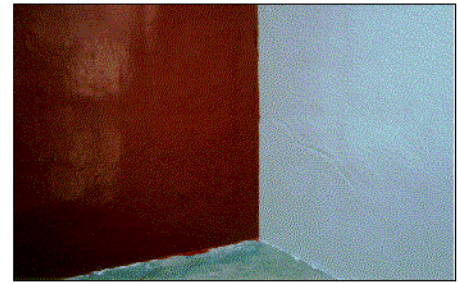
CASE HISTORY #031 REV.04-97



Cleaning cracked wall surface in basin



Application of ARCOR™ S-20



Unit completed with two coats ARCOR™ S-20

A concrete neutralization basin developed large cracks in the wall due to settling. Some of the cracks were severe enough to allow liquid to penetrate the walls. The inside of the basin was thoroughly dried and abrasive-blasted. Spent grit was carefully cleaned away from the floor and walls. ARCOR™ TS-RB was installed into crevices using a squeegee and then filled flush with the surface. Two coats of chemical resistant ARCOR™ S-20 were then applied.