

CRYL-A-FLEX

Applications

Product: Cryl-A-Floor SL & Cryl-A-Tex for Patching
Customer: Mead Specialty Paper, South Lee, MA
Industry: Paper Production
Date: August 2000

PROBLEM:

The production area floors were in poor condition from years of water, chemical exposure and wear. Patching and an overlay was required to restore pitch to the drains, smooth out the rough floor and have a non-slip finish as the area is always wet. The 5,000 SF around paper machines, pumps, control panels and aisles had to be installed and ready for use with only a 3 day shut down.

SOLUTION:

The Cryl-A-Flex (MMA) based material from Dur-A-Flex was used as it met all the requirements. Cryl-A-Tex polymer concrete was used for patching and restoring pitch to drains. The entire area was overlaid with the Cryl-A-Floor SL system with quartz aggregate and 2 colored topcoats. Cryl-A-Flex material could be installed in the short down time due to the fact that each product cures in less than 1 hour. Therefore the finish floor was ready for service 1 hour after the completed installation.



CRYL-A-FLEX Applications

Product: Cryl-A-Floor SL (Aluminum Oxide)
Customer: United States Mint, Denver, CO
Industry: Coin Manufacture
Date: June 2001-Present

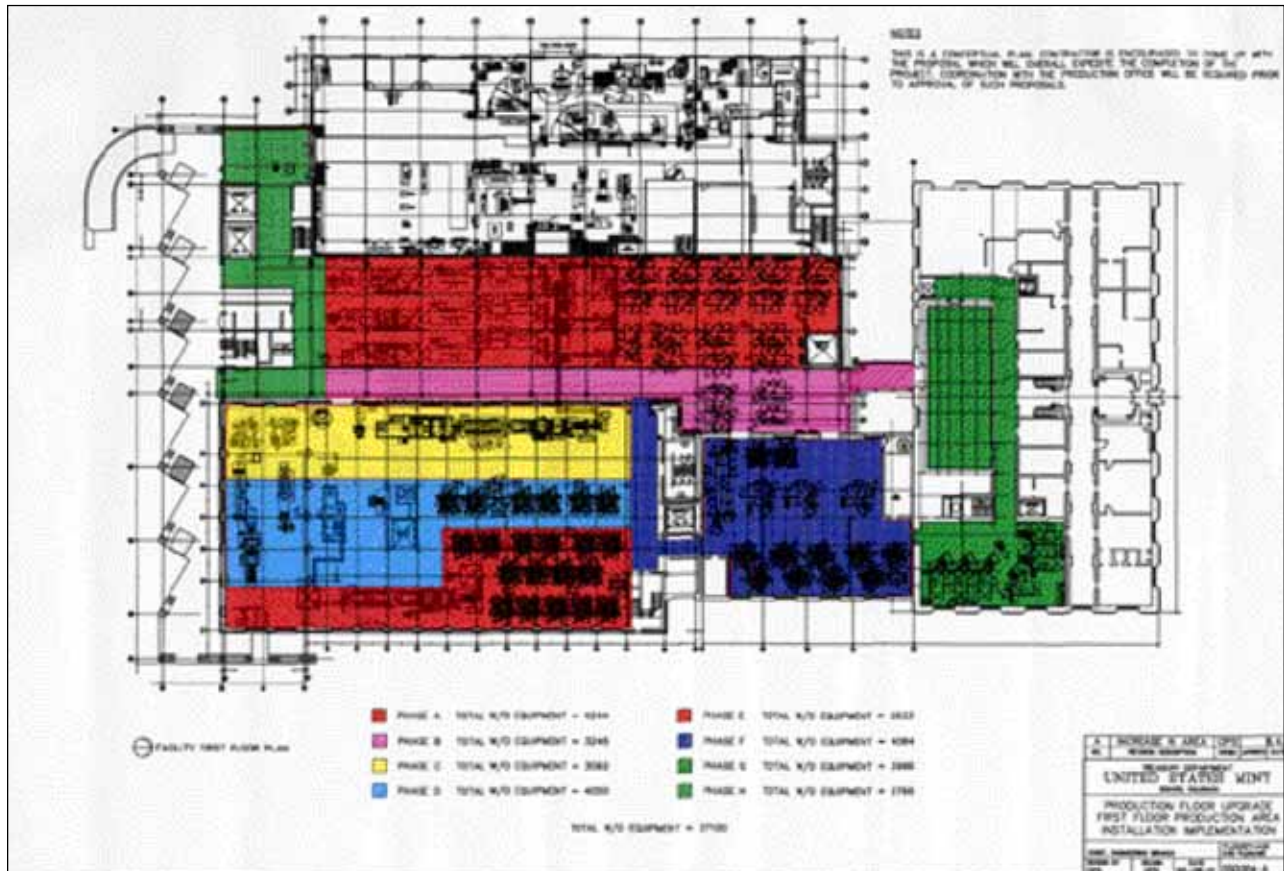


PROBLEM:

The existing floors in the production area are a combination of 15-100 year old concrete with a large extent of failed and patched resinous flooring overlay. Due to the heavy loads of steel bins, the surface is spalled and broken up, a safety hazard and very unsightly. The challenge is to install 27,000 SF of flooring in a short shutdown and have a finish fully functional floor ready to resume production.

SOLUTION:

The solution to the problem is a Cryl-A-Floor SL (with aluminum oxide non-skid) MMA based system from Dur-A-Flex. The main reasons for choosing this system is that it is tough enough to resist the everyday demands of fork lifts and heavy loads in this coin production environment. Because the material cures to full strength in one hour, this contributed to getting the project completed ahead of schedule. Due to the success of the initial project, an additional area has been added. To date, over 1000,000 square feet of the facility has been done.



CRYL-A-FLEX

Applications

Product: Cryl-A-Floor SL
Customer: National Oceanic and Atmospheric Administration (NOAA), Fairbanks, AK
Industry: U.S. Government
Date: November 2002

PROBLEM:

Flooring within the station's power plant had been severely damaged due to construction, equipment maneuvering, vehicle traffic and normal deterioration. The resurfacing material was required to enhance appearance, promote safety and resistance to chemicals. It was also required that the material be installed in the minimum amount of time so as to have the least effect on operation.

SOLUTION:

A 1/4 inch thick overlay was specified for the 3,200 SF in order to maintain durability. The system had to cure quickly in case emergency operation of power was required, and it had to be installed over a wide temperature range. The center of the floor was between 50-60 F but the perimeter was 20-30 F. The one that met all the criteria was the Cryl-A-Floor SL system. This is a self leveling MMA based slurry with a sand broadcast, and two pigmented top coats. The preparation, patching and system was installed over the weekend, and never interfered with daily operation.

