



CASE HISTORY ~ CH-037

BIO-FLOR 182 SEALS AND PROTECTS THE FLOOR OF A LARGE BREWERY FILTERING ROOM

THE CHALLENGE: A large East Coast brewery required a seamless coating to protect the freshly poured concrete floor of its filtering room. The coating was required to be tough, durable and completely resistant to beer, fermentation liquids and powerful cleaning chemicals.

THE SOLUTION: The applicator recommended BIO-FLOR 182 because of their extensive earlier experience with the product and its availability in the specified "Signal Red" color.

The entire horizontal floor was abrasive blasted with a "Blastrac" type centrifugal walk-behind blast unit then coated with a base coat of BIO-FLOR 182. Clean, sharp quartz was broadcast into this BIO-FLOR 182 base coat to the point of rejection. When completed this results in the entire floor appearing as dry sand showing no visible trace of the underlying coating. The floor is left in this condition for at least four hours during which time the sand sinks through the uncured BIO-FLOR 182 film forming an incredibly hard and tough coating. After four hours the BIO-FLOR has cured sufficiently to allow applicators back onto the floor to sweep off the unabsorbed sand. This is accomplished using regular stiff brooms; recovered sand or other abrasive may be "recycled" for future use by passing it through a window screen or similar mesh sieve.

After removal of the excess abrasive the floor appears as a very uniform and attractive surface however before completion it is required to be sealed by the application of a second BIO-FLOR 182 coat. This application permanently seals in loose surface grains and presents a shiny, textured coating which is easily cleaned yet quite slip resistant under wet conditions.



BIO-FLOR 182 was ideal for this application for several reasons:

- ✓ Easy 2/1 mix ratio
- ✓ Rapid cure rate which allows a complete system to be installed, *and cured for service*, in 24 hours.
- ✓ BIO-FLOR 182 has almost no odor. Applications of over 7,000 sq.ft. per day immediately adjacent to other trades in large Government facilities have been made regularly with no odor complaints.
- ✓ Application is made using conventional paint rollers and brushes. These tools eliminate the hazardous aerosol of epoxy coatings generated when applied by spray in a confined space.
- ✓

RESULT: The completed floor is extremely attractive and is functioning well. Regular cleaning by hosing and mopping is easily accomplished using normal Plant procedures.

For more information regarding this project, contact:

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PRODUCT: BIO-FLOR 182

YEAR: 2001

LOCATION: LATROBE, PA

We go where others fear to spread!

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