

CASE HISTORY ~ CH-027

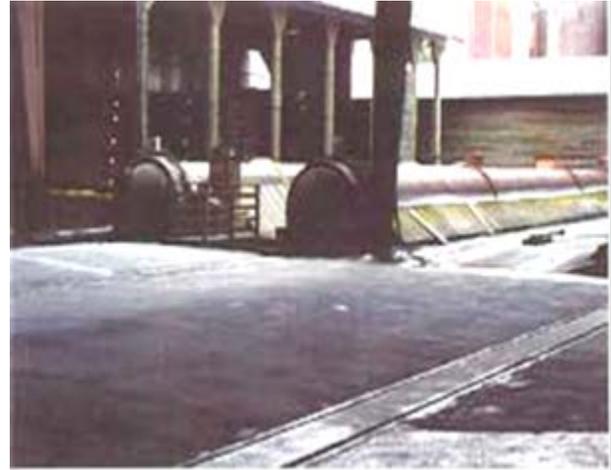
BIO-FLOR 182 SEALS ASPHALT SURFACE AGAINST WOOD PRESERVATIVE SPILLAGE.

THE CHALLENGE: A pressure treated lumber plant in the Pacific Northwest has a hot rolled asphalt surface in the railway area where wood products exit the pressure impregnation vessels. Drips from the proprietary chrome/copper/arsenic pesticide fell onto the asphalt surface and facility management were concerned that it may have been possible for some drippage to penetrate cracks in the asphalt surface and contaminate groundwater.

THE SOLUTION: A BIO-FLOR 182 seamless epoxy flooring system was installed in a single weekend over the asphalt to create a hard, tough impervious coating.

BIO-FLOR 182 was ideal for this project not only because of its proven toughness and wear resistance but also because of its total lack of solvents which would have damaged or destroyed the asphalt. Similar applications on asphalt plank and hot rolled asphalt confirmed its excellent adhesion.

Surface preparation was by “Blastrac®” centrifugal abrasive blast cleaning which yielded an ideal surface. BIO-FLOR 182 base coat was applied by the “pour/squeegee/backroll” method using standard equipment. Immediately after application of this base coat 20/30 mesh quartz was broadcast to rejection by hand. Unabsorbed quartz was broomed off after 3 hours curing and a second, seal coat, of BIO-FLOR 182 was applied by the pour/squeegee/backroll method.



RESULT: The BIO-FLOR 182 installation was made well within the time allowed and was ready for unrestricted service about 12 hours after the last application. The surface is seamless, glossy and slip-resistant and has proven a positive barrier to plant chemicals.

For more information regarding this project, contact:

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PRODUCT: BIO-FLOR 182

YEAR: 2003

LOCATION: TACOMA, WASHINGTON

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CH-027_BF182 Seals asphalt against wood
preservative_2003 draft