



PUDONG WAIGAOQIAO PUMP STATION FLOOR



FEATURED PRODUCTS

Series N69 Hi-Build Epoxoline II
Series 237 Power-Tread

Series 224 Deco-Fleck
Series 284 Deco-Clear

The management for Shanghai's pump stations was searching for an attractive and cleanable floor finish to use on the walking surfaces at its facilities. Tnemec's distributor presented a coating system featuring Series 224 Deco-Fleck, a decorative flake polyamine epoxy floor topping, as a solution to the facility's flooring needs.

Test patches were used to determine if the system met all of the owner's requirements for moisture resistance, resistance to sanitizing solutions, skid-resistance and general aesthetic quality. All tests met the owner's requirements and use of the coating system was approved. The system was then applied at the Pudong Waigaoqiao No. 3 pump station.

Prior to coating, the floors were prepared in accordance with SSPC-SP13/NACE No. 6 Surface Preparation of Concrete to achieve a CSP 3 surface profile. After preparation, the concrete was primed with Series N69 Hi-Build Epoxoline II, a polyamidoamine epoxy. After priming, a complete Deco-Fleck system was installed. A finish coat of Series 284 Deco-Clear, a clear polyamine epoxy was then applied to complete the floors.

The owner was so pleased with the appearance and durability of the floor of the No. 3 pump station that the Deco-Fleck coating system is now the standard flooring design for all 130 pump stations in Pudong.

PROJECT INFORMATION

Project Location

Shanghai, Pudong, China

Project Completion Date

July 2011

Owner

Shanghai Pudong Urban Drainage
Management
Shanghai, China

Field Applicator

Shanghai Pudong Urban Drainage
Management
Shanghai, China



Tnemec's Series 224 Deco-Fleck, a flake-filled polyamine epoxy floor topping, was the solution to the flooring needs at the Pudong Waigaoqiao No.3 Pump Station.