

Project: Waterproofing of concrete surface

Owner: Walt Disney Imagination of Hong Kong

System: Mono Ferro Pur, Polyflex 201

Surface: 30,000 p² / 2,786 m²

Completed: 2004

Location: Hong Kong, China



The Walt Disney Imagination amusement park is one Hong Kong's largest, with several hundred thousands visitors each year. It is imperative that every single area of the park be in perfect condition. The owners needed to repair the bed river, which had been leaking for several weeks. They needed a system that would protect and waterproof the concrete against salt water. For that reason, they decided to go with the innovative Polyflex 201 system that Polyval Coatings was offering. The Polyflex 201 is specially

designed for the resistance against salt water, something that they would benefit from. This system was applied with one layer of Mono Ferro Pur, a moisture cure polyurethane primer, followed by one coat of Polyflex 201 at 1.50 mm D.F.T. (60 mills). The system created a seamless waterproofing membrane that could resist the salty waters and provide the bed river of the park with lasting protection. The quick drying and curing time made it possible to put the installation back in operation within a few short days.

