

Outdoor Swimming Pools, Nederland

POLYUREA

Client	Outdoor Swimming Pools, Delden
Coating Contractor	Imhoff Voeg & Straalbedrijf Barry Imhoff, NL Hengelo
Project	Outdoor Swimming Pools, Delden
Area	App. 850 m ² outdoor pools
Construction	May 2010
VIP System	QuickPrime 2K-Epoxy SF QuickSpray Industrial QuickCoat-Base Protect



Project Description

Three basins in the outdoor swimming pool of the city of Delden required a fast curing surface coating system with good outdoor weathering, chlorine-water resistant no cracking and stable features for existing outdoor pools that were in a bad state of repair. Application with 1:1 heated, high-pressure mixing equipment. Lack of time and cost advantages favoured QuickSpray Industrial (aromatic), a 100% Polyurea 2-part Coating-System derived from a reaction of Isocyanate and Amine terminated resin.

Processing took place in 4 steps:

1. Old coating was completely removed by water pressured sand blasting. This took about 2 weeks, after which the concrete was prepared and cleaned of any residues that may have an affect to bonding.
2. Surface was primed and sealed, water vapour proof, adhesion improved.
3. The aromatic Polyurea QuickSpray was applied within just 2 ½ days with a new WIWA 2K Hot Spray Machine.
4. After 24 hours application of pigmented QuickCoat-Base Protect (aliphatic) was mixed and rolled on.

The complete process of surface-preparation, application of the Polyurea System was successfully completed within the give time spec and the pool was officially reopened as planned on May 08th 2010.

