

Outdoor Swimming Pools, Nederland

POLYUREA

Client	Veluvse Bron
Coating Contractor	Imhoff Voeg & Straalbedrijf NL Hengelo
Project	Spa De Veluvse Bron
Area	app. 150 m ² outdoor pools
Construction	June 2010
VIP System	QuckkPrime 2K-Epoxy SF QuickSpray Industrial QuickCoat-Base Protect



Project Description

Three small basins in the Netherlands largest wellness oasis “De Veluvse Bron” in the Hoge Veluwe National Park 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 need 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 3-4 days, 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 1 day with a new WIWA 2K Hot Spray Machine.
4. After 24 hours application of QuickCoat-Base Protect (aliphatic) which was mixed and rolled on.

The complete process of surface-preparation, application of the Polyurea System was successfully completed within the give time spec of just one week, while the rest of the spa was still fully operational.

