

Blijdorp Zoo, Rotterdam, Holland

Case Study

The Rhino and Hippo enclosure at Blijdorp Zoo in Rotterdam was being refurbished and improved for both the animals and their visitors. A highly durable impact and abrasion resistant, watertight coating material was required for all of the exposed internal concrete surfaces throughout the enclosure. This included sleeping quarters, holding pens and stalls where all of the animals are regularly examined and treated when necessary by the veterinary team to ensure that they are in good health. This coating system also had to be fully resistant to all possible combinations of the animal's foodstuffs and their substantial waste products (!!!), as well as the frequent high pressure water jet cleaning the necessary disinfection chemicals.

Following their evaluation of many alternative solutions that had been proposed, a 2-component coating system based on VIP polyurea resin technology was selected. The 900m² of concrete surfaces were prepared by blastcleaning, then a VIP solvent-free epoxy primer was applied as a surface sealer and water vapour barrier, followed by the VIP polyurea system which was applied using hot airless spray techniques. An additional advantage of this VIP polyurea system is that it can be applied and completed in a relatively short time, allowing other trades to continue and prevent delays, downtime and extended closures.



Client:
Blijdorp Zoo
Specialist Contractor:
PU Nederland
Products Used:
VIP Polyurea Coatings

Contact:
ResinFlooring Site
01257 266696
www.resinflooringsite.co.uk