



SIKA AT WORK

RHINO HOUSE, WEST MIDLANDS

WATERPROOFING: Sika® Watertight Concrete System and SikaSwell® Jointing System

BUILDING TRUST



RHINO HOUSE WEST MIDLANDS



A swimming pool for Rhino is probably one of the most unusual applications for Sika® Watertight Concrete, but this was the ideal solution for West Midland Safari Park's exciting new 'Realm of the Indian Rhino' exhibit. A pair of Indian Rhinoceros has been introduced to the Park for the first time in its 37-year history, and to accommodate them, a £500,000 state of the art house has been built within their large free roaming enclosure.

The Rhinos have now settled down and feel completely at home in their new house, which features central heating, rubber lined floors, deep bark for sleeping and a heated indoor pool in which to plunge.

The BBA certified Sika® Watertight Concrete system was an ideal choice for constructing the pool. It has many benefits over traditional methods of waterproofing, including simplified design coupled with time saving on site through the elimination of laborious detailing of tanking membranes.

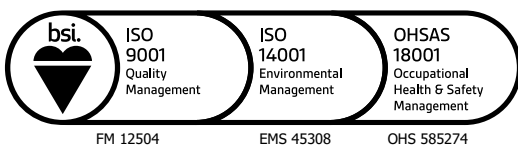
Sika® Watertight Concrete incorporates two state-of-the-art powerful Sika admixtures. These work firstly by reducing the water cement ratio, producing a highly workable concrete to aid placement and compaction, and secondly, by blocking the remaining capillary pores. The system has a successful track record going back 50 years.

Sika® Watertight Concrete is used in conjunction with the SikaSwell® jointing system, which consists of joint sealing profiles that expand on contact with water, thus ensuring the pool will remain watertight despite the robustness of its occupants.

Lee Wilson Builders of Kidderminster constructed the Rhino house, and Bardon Concrete supplied the concrete. West Midland Safari Park has taken great care to imitate the natural environmental conditions within the house that the Rhino would expect in their native Indian habitat. The water temperature is kept at 18 degrees C, creating a humid atmosphere that the pair of rhino can enjoy.

The Indian Rhino is generally good-natured, with a distinctive 'armoured' appearance caused by the folds in its skin, and although numbers in the wild have been rising, their existence is still precarious, so introducing the pair to the Park is significant in preservation terms.

For further information call 0800 292 2572.



FM 12504

EMS 45308

OHS 585274

SIKA LIMITED

Head Office
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
United Kingdom

Contact

Phone +44 1 707 394444
Fax +44 1 707 329129
Email enquiries@uk.sika.com
www.sika.co.uk
@SikaLimited

BUILDING TRUST

