

Object	<b>Pavement in front of the reptile house at the Augsburg Zoo</b>
Date	2012
City	Augsburg
Execution	May to June 2012
The task	Paving outdoor area with high-quality concrete blocks
Object size	200 m <sup>2</sup>
Products used	Special joint grout Pavifix 1K Extra
Client	Zoologischer Garten Augsburg GmbH
Company	Dobler GmbH & Co. KG Özcan Dozla
Planning	Martignoni Architectural Office
Technical consultant	Dipl. Ing. (FH) Oliver Marek

## **Thanks to PCI, the pavement in front of the reptile house in Augsburg shines in new splendour**

1.500 animals on a total area of approximately 22 hectares – the Augsburg Zoo offers a rich world of discovery, filled with domestic and exotic inhabitants. Among them are about 50 reptiles and amphibians that have been given a new home: The reptile house from the 1970s has been completely demolished and replaced by a modern building, a new place for the animals to call home. The products by the construction chemicals specialist PCI Augsburg GmbH have been relied on not only for the new design of the reptile house, but also for extensive paving on the outside.

An area of 200 m<sup>2</sup> was to be paved with high-quality concrete blocks. To create a relaxed and modern overall impression, pavers in mixed format were used.

Particular challenge: The extremely narrow grout lines of three to four millimetres, planned by the architectural office. This was successfully implemented with the special joint grout Pavifix 1K Extra, which can be elutriated. "PCI offers a sophisticated solution for water-permeable grouting of artificial stone, which is

optimally suited for joint widths from 3 mm upwards. The fact that the joints permanently retain their shape in outside areas is another convincing material property", explains Oliver Marek, Product Manager at PCI Augsburg. Not only the visitor influx takes a toll on the pavement, and thus the grouting; the weather conditions were also decisive for the selection of the grouting material: "The alternative of a conventional, and for the outside area rather outdated crusher dust joint was ruled out from the beginning. Based on experience, this type of joint is quickly washed out during heavy rain, and must be replaced again", says Marek. Thus, a special solution was sought. The water-permeable joint grout Pavifix 1K Extra by PCI was a reliable choice.

The pavement work in front of the new reptile house lasted from April to June of this year. A total of 1000 kg of PCI Pavifix 1K Extra joint grout was applied. The result is a showpiece that scores indoors as well as outdoors, thanks to the use of cutting-edge materials.