

# JOB REFERENCE

Augsburg, 19.12.2014

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“Oostelijk Zwembad” swimming pool in Rotterdam

## Renovation in the style of the 1930s

Rotterdam's oldest swimming pool, located in the east of the city, is appropriately named “Oostelijk Zwembad”, which simply means “eastern swimming pool”. The pool, which was constructed in 1932 and is a protected monument, certainly needed to be renovated some 80 years later. Authentic restoration in the style of the 1930s was one of the essential requirements. This was a real challenge for everyone involved, including the tiling contractor. There was a total tiled area of about 3,500 m<sup>2</sup>, with tiles in 65 different colours, sizes and shapes, some of which were well preserved while others were in very poor condition. It was possible to remove and reuse the intact tiles.

Damaged tiling had to be replaced by new tiles produced in Hungary in accordance with the original models. Tiles which originally not been laid at right angles had to be processed in an appropriate way. The tiling and construction contractors received support from BASF Netherlands application technicians both during technical preparations and during the actual tiling work on site.

The various types of substrate around the large pool were primed using PCI Gisogrund primer. The walls of the pool itself and the substrates of the pool surround were levelled with PCI Pericret. The contractor used an anti-capillary layer of PCI Apoten epoxy coating with silica sand on the pool edge to prevent damage caused by water creep. The specialists primed the flanges and the underwater light

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fittings with PCI Epoxigrund 390 combined with silica sand. The fast setting waterproofing slurry PCI Seccoral 2K Rapid and PCI Pecitape were used for waterproofing.

The tilers laid the natural stone tiles on the pool coping using PCI Carrament medium-bed mortar and grouted the tiling with PCI Carrafug special grout. The 700 m<sup>2</sup> of tiling in the pool itself were laid and grouted with PCI Durapox NT plus reaction resin adhesive. PCI Durafug NT special grout was used on the pool coping and the floors of the surrounding wet rooms. Wall tiles in the wet rooms were installed with PCI Nanolight adhesive and grouted with PCI Nanofug Premium.

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## Project data

Project title:	Renovation in the style of the 1930s
Subtitle:	“Oostelijk Zwembad” swimming pool in Rotterdam
Location:	Rotterdam
Year of completion:	2014
Objective:	Refurbishment of a swimming pool subject to protection as a historic monument
Project size:	About 3,500 m <sup>2</sup> , including about 700 m <sup>2</sup> in pool
Products used:	PCI Gisogrund, PCI Pericret, PCI Apoten, PCI Epoxigrund 390, PCI Seccoral 2K Rapid, PCI Pecitape Objekt, PCI Pecitape 10 x 10 and 42,5 x 42,5, PCI Nanolight, PCI Nanofug Premium, PCI Carrament, PCI Carrafug, PCI Durapox NT, PCI Durafug NT
Client	City of Rotterdam
Architects:	Putter Partners Architecten
Contractors:	Construction: Koninklijke Woudenberg bv Tiling: CBL Afbouwbedrijf
PCI applications technician:	BASF Netherlands
Contact:	<b>PCI Augsburg GmbH</b> Piccardstraße 11 86159 Augsburg Phone: 0821 5901-0 Fax: 0821 5901-416 Email: pci-info@basf.com www.pci-augsburg.de

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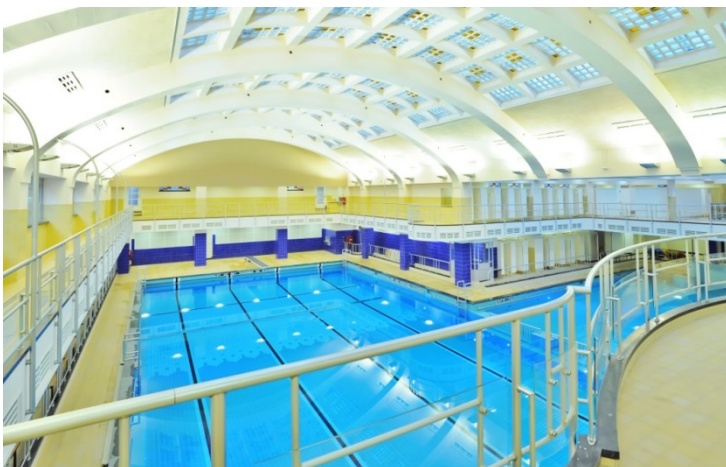
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**Photos** (for downloading of PI )



The Oostelijk Zwembad swimming pool in Rotterdam was authentically renovated the style of the 1930s – using materials from PCI Augsburg GmbH, with the support of applications technicians from BASF Netherlands.

<http://www.pci-pics.com:80/php/index.php?database=2&downloadimage=7190&size=&format=&check=0d87646882f29af24c6ac79b9935a16d>



<http://www.pci-pics.com:80/php/index.php?database=2&downloadimage=7191&size=&format=&check=b6a8b01e19e4e0dd5bb1534ffb3b35d9>

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The ceramic tiling in the swimming pool itself, with an area of about 700 m<sup>2</sup>, was laid and grouted using the two-component reaction resin adhesive and grouting compound.

<http://www.pci-pics.com:80/php/index.php?database=2&downloadimage=7192&size=&format=&check=1d616d7a42aca3b2676ff8f9d89f5f72>



The tiles were laid and grouted using PCI Durapox NT plus chemical-resistant, water-impermeable adhesive. The adhesive sets without cracks and cures without shrinkage – for joint widths from 2 to 20 mm.

<http://www.pci-pics.com:80/php/index.php?database=2&downloadimage=7193&size=&format=&check=ae8aa3b2848a9b4db658571ec1eb949>

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The changing rooms and corridors of the swimming pool were also restored in accordance with the original appearance of the 1930s.

Photo on left:

<http://www.pci-pics.com:80/php/index.php?database=2&downloadimage=7194&size=&format=&check=89c5381e388b054857680c84bf198910>

Photo on right:

<http://www.pci-pics.com:80/php/index.php?database=2&downloadimage=7195&size=&format=&check=c7e28a7e46a1e3217f7dee8777c86b00>

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## **About PCI**

*PCI Augsburg GmbH is part of the business unit Construction Chemicals of BASF and leader in the tile laying materials sector for specialist firms in Germany, Austria and Switzerland. In addition, the company supplies product systems for waterproofing, concrete protection and repair, as well as a complete product range for the soft flooring sector. PCI employs a staff of more than 700 and generated sales of over €220 million net in 2014. Further information about PCI on the Internet under [www.pci-augsburg.de](http://www.pci-augsburg.de).*

## **About BASF**

*At BASF, we create chemistry – and have been doing so for 150 years. Our portfolio ranges from chemicals, plastics, performance products and crop protection products to oil and gas. As the world's leading chemical company, we combine economic success with environmental protection and social responsibility. Through science and innovation, we enable our customers in nearly every industry to meet the current and future needs of society. Our products and solutions contribute to conserving resources, ensuring nutrition and improving quality of life. We have summed up this contribution in our corporate purpose: We create chemistry for a sustainable future. BASF had sales of over €74 billion in 2014 and around 113,000 employees as of the end of the year. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (AN). Further information on BASF is available on the Internet at [www.basf.com](http://www.basf.com).*

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