

## PCI supports night-time tiling at Chemnitz shopping centre

### **Night shifts for the “Roter Turm”**

After 16 years of operation, the “Galerie Roter Turm” shopping centre in Chemnitz has been modernized in terms of appearance and function. Large tiles have been laid over an area of about 3,000 square metres, without any interruptions to normal business. To ensure that visitors did not suffer any inconvenience during the six and a half months of alterations, all the work was performed at night. This posed a challenge which called for harmonized tile fixing products in addition to good planning and expert workmanship. While the planning office iproplan® was responsible for planning and supervising work on the project, wall and floor coverings were laid by CERA-XXL GmbH of Chemnitz, a tiling contractor specializing in large sizes. PCI Augsburg GmbH provided advice during the planning stage and supplied the tile fixing products.

#### **Daytime shopping and night-time working**

To avoid any adverse impact on business, the tiling team worked only at nights for the entire duration of the project. Surfaces tiled during the night were to be ready for use at 8 a.m. the next day, while the surfaces to be worked on during the next night shift also had to be prepared. All the surfaces had to be suitable for pedestrian access without any tripping hazards. To meet this tight time schedule, the tiling contractor needed fast-setting materials. For Michael Franke, Managing Director of CERA-XXL, it was clear from the outset: “This

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley

**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC: DEUTDE33HAN  
IBAN: DE73 207 0001 0535 0700 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT

Augsburg, 12.12.2016

Page 2 of 13

project was a challenge in every respect – restricted working times, short time cycles for individual steps and large tiles. It was quite clear that we were going to use PCI products for the work. As a result of the short setting times of these products, we were able to complete various steps in rapid succession and to release the tiled surfaces for use by visitors every morning, which was especially important in this case.

## Optimum substrate preparation

The first step was to mill and grind the existing concrete stone covering. Hollows were repaired and joint gaps were filled with odourless PCI Apogel SH silicate casting resin. The surface was then primed with PCI Gisogrund 303 and level markers were positioned for the levelling layer. In order to compensate for later stress and cracking of the substrate, the craftsmen laid PCI Pecilastic isolating underlay on the prepared substrate using highly elastic PCI Flexmörtel S2 Rapid adhesive.

## Large-scale tiling

The building owner had selected extremely large tiles. The floors were covered using MAXFINE fully vitrified tiles (manufacturer: irisFMG) in sizes 300 x 100 cm and 300 x 150 cm; Neolith fully vitrified slabs with dimensions of 360 x 120 cm were used on the walls. The tiles and slabs had to be laid with extreme precision right down to the last millimetre. The CERA-XXL team used PCI Flexmörtel S2 Rapid tile adhesive, which reliably absorbs stress from the substrate and allows the new tiling to be walked on after only five hours thanks to its short

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley

**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC: DEUTDE33HAN  
IBAN: DE73 7207 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT

Augsburg, 12.12.2016

Page 3 of 13

setting time. “As we were working under extreme pressure of time, this tile adhesive was precisely the right choice,” Michael Franke from CERA-XXL explains. “It sets extremely fast, is highly elastic and has excellent non-sag properties – all in all, it’s a real problem solver.” The master tiler was also convinced by the PCI joint grout. PCI Nanofug Premium allows extremely convenient working with a time window of about 40 minutes. Its main benefits are its fine surface and its glossy appearance.

## **Step-by-step to a large-scale shopping experience**

The alteration work was carried out between 2 May and 21 November 2016. The planners and tiling team were highly satisfied with the extremely successful results. “Cooperation between everyone concerned was really outstanding,” says Michael Franke, who emphasises the continuous support provided by PCI. “The well-founded advice provided by the PCI team was extremely useful. We could be sure of using products that would harmonize ideally with each other for every step and completing the work as quickly as possible.”

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDE33HAN  
IBAN DE73 207 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT

## Project data

Project:	Night shifts for the "Roter Turm"
Subtitle:	PCI supports night-time tiling at Chemnitz shopping centre
Location:	Chemnitz
Year of completion:	2016
Task:	Laying large fully vitrified tiles on floors and walls during night shifts under extreme pressure of time
Project size:	Floor area 2,550 m <sup>2</sup> ; wall area 350 m <sup>2</sup>
Products used:	PCI Apogel SH, PCI Gisogrund 303, PCI levelling compound, PCI Pecilastic, PCI Flexmörtel S2 Rapid, PCI Flexmörtel S1, PCI Nanofug Premium, PCI Novoment M1 plus
Project owner:	Einkaufsgalerie Roter Turm Chemnitz GmbH & Co. KG
Planning:	iproplan® Planungsgesellschaft mbH, Chemnitz
Contractor:	CERA-XXL GmbH; Leipziger Str. 137a, 09113 Chemnitz; Phone: 0371 / 2345 13 36; Fax: 0371 / 2345 13 37; Mail: <a href="mailto:info@ceraxxl.de">info@ceraxxl.de</a> ; Web: <a href="http://www.ceraxxl.de">www.ceraxxl.de</a>
PCI technical service:	Falk Findeisen
PCI specialist adviser:	Mike Hammer
Contact data:	PCI Augsburg GmbH Piccardstraße 11 86159 Augsburg Phone: 0821 5901-0 Fax: 0821 5901-416 Email: <a href="mailto:pci-info@basf.com">pci-info@basf.com</a> <a href="http://www.pci-augsburg.de">www.pci-augsburg.de</a>

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDE33HAN  
IBAN DE73 7207 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT

Augsburg, 12.12.2016

Page 5 of 13

## Photos:



Tile laying at the Galerie Roter Turm shopping centre in Chemnitz: to avoid business disturbances, the tiling team could only work at night for the entire duration of the project.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=8874&size=7360x4912&format=&check=3c77fd4a84b71cfe31bd71668d7f2d0e>

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDE33  
IBAN DE73 2707 0001 0535 0700 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT



Hollows were repaired and joint gaps were filled with odourless PCI Apogel SH silicate casting resin.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=8875&size=4698x4502&format=&check=63d2671e4768cd72e1eec606403e8bad>

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDE33HAN  
IBAN DE73 7207 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT



The primer used was PCI Gisogrund 303. This extremely low-emission solvent-free special primer can be applied easily by rolling or brushing. Thanks to its bright signal colour, it is easy to recognize.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=8876&size=5541x3355&format=&check=d811c7dd2ae50df9cecc3430082c03cc>

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDE33  
IBAN DE73 7207 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT



Level markers were positioned before levelling the substrate. The craftsmen then poured the PCI levelling compound onto the substrate and distributed the compound evenly over the prepared area.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=8877&size=7245x4665&format=&check=513b83a79c92526f2dd56e5bcd8ef6d6>

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDE33HAN  
IBAN DE73 2207 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)



# REFERENCE PROJECT

Augsburg, 12.12.2016

Page 9 of 13



In order to compensate for later stress and cracking of the substrate, the craftsmen laid PCI Pecilastic isolating underlay on the thoroughly prepared substrate using highly elastic PCI Flexmörtel S2 Rapid adhesive.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=8878&size=7068x4397&format=&check=2f4cfa53c8745e12f3ae151afe466327>

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDE33  
IBAN DE73 7207 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT



Such large tiles as those used at the Galerie Roter Turm call for a professional approach and skilled craftsmanship. Handling is already a challenge.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=8880&size=6579x4084&format=&check=cfd358f49a292033b1291d302f0c5814>

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDEMM720  
IBAN DE73 7207 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT



PCI Flexmörtel S2 Rapid, the tile adhesive used by the CERA-XXL team, reliably compensates for stress from the substrate and allows the new tiling to be walked on after only five hours thanks to its short setting time.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=8881&size=7074x4697&format=&check=b3601a4c96e7064f7c892a9d52e241c4>

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDE33HAN  
IBAN DE73 2707 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT

Augsburg, 12.12.2016

Page 12 of 13



Customers can now experience a fully redesigned shopping centre. They can stroll from shop to shop in style across large tiles. Thanks to the fast-setting products from PCI, the sophisticated logistics and the good cooperation between everyone concerned, the tiling work at the Galerie Roter Turm was completed to schedule.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=8882&size=7360x4912&format=&check=ae8378ef81408552ab1b03cb9c6378c3>

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDEMM720  
IBAN DE73 7207 0001 0535 0700 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)

# REFERENCE PROJECT

## **About PCI**

*PCI Augsburg GmbH is part of the Construction Chemicals business unit of BASF and the leader in the tile laying materials sector for specialist contractors in Germany, Austria and Switzerland. In addition, the company supplies product systems for waterproofing, concrete protection and repair, as well as a full product range for the soft flooring sector. The PCI Group employs a workforce of more than 1,000 people in Europe and generated net sales of over €250 million in 2015. Further information about PCI on the Internet at [www.pci-augsburg.de](http://www.pci-augsburg.de).*

## **About BASF**

*At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 112,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of about €70 billion in 2015. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at [www.basf.com](http://www.basf.com).*

**Sitz der Gesellschaft:**  
PCI Augsburg GmbH  
Piccardstr. 11, 86159 Augsburg  
Postfach 10 22 47, 86012 Augsburg  
Tel. +49 (8 21) 59 01-0  
Fax +49 (8 21) 59 01-372

**Geschäftsführer:**  
Manfred Grundmann  
Marc Christian Köppe

**Aufsichtsratsvorsitzender:**  
Philipp Kley  
**Registergericht:**  
Amtsgericht Augsburg, HRB 6355  
USt-IdNr.: DE811143409

**Bank:**  
Deutsche Bank AG, Augsburg  
BIC DEUTDE33HAN  
IBAN DE73 7207 0001 0535 0707 00  
[www.pci-augsburg.de](http://www.pci-augsburg.de)