

# PROJECT REPORT

Augsburg, 18.03.2021

Golden mosaic facade on business building in Neuss grouted with PCI Durapox® Premium Multicolor

## A real eye-catcher: gold mosaic with color-matching grout

**All that glitters is gold: A client in Neuss, North Rhine-Westphalia, had the facade of a business building decorated with 51,000 mosaic tiles made of gold leaf. The exactly matching color of the PCI Durapox® Premium Multicolor grout perfectly rounded off the extravagant gold mosaic look and enabled grouting even at low temperatures.**

At the inauguration in May 2020, a murmur went through the rows when the curtain fell and revealed the shining golden facade of the business building in the middle of the Neuss pedestrian zone. Invited guests, numerous passers-by as well as the press and television attended the ceremony which owner Georg Wentges hosted on a red carpet in front of the building. He wanted to leave something lasting for the city, the 80-year-old explained, and was visibly pleased with the successful golden facade. In just six weeks, the craftsmen had completed the unusual installation project. The 51,000 mosaic tiles of gold leaf are protected by glass made from recycled Italian wine bottles. This is to make it impossible for thieves to remove the gold from the mosaic tiles.

### Grout in golden yellow shade

The company, Fliesencenter Wurth in Solingen, consulted PCI Augsburg GmbH for carrying out the tile laying work. PCI application engineer Stephan Leistner, PCI service engineer Christian Kollmeyer and PCI technical consultant Henning Uebach provided

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support in planning, product selection and processing. The company used the frost and weather resistant reaction resin mortar PCI Durapox® NT Plus to lay the mosaic. Among other things, the extremely high adhesive tensile strength of the adhesive was to prevent the valuable mosaics from detaching from the substrate. Regarding the grout it was important to find the right color shade. This is because the joints have a decisive influence on the overall appearance and effect of the facade especially in this unusual object. A case for PCI Durapox® Premium Multicolor: The epoxy resin grout launched by PCI at the beginning of 2020 is available - as the first grout on the market - in hundreds of colors.

### **Color selection with digital color reader**

"The enormous color selection of the PCI Durapox® Premium Multicolor grout is impressive and enabled us to find exactly the right shade to match the gold mosaic," says Sascha Wurth, owner of the tile center, and adds: "This was perfectly achieved with PCI Colorcatch Nano." PCI's digital color reading device provides the right color selection easily, quickly and reliably: It measures the color of the flooring surface - whether smooth, textured or patterned - and visualizes the matching color harmonies in seconds. "PCI Colorcatch Nano works together with the PCI app MULTICOLOR. This enables us to provide our customers with professional advice and show them completely new design options. We have been working with the new color reader for months and achieve high customer satisfaction with it," says Wurth.

### **Construction progress despite low temperatures**

In addition to the huge color selection, the high level of convenient application of PCI Durapox® Premium Multicolor also scores points. Thanks to its smooth consistency, the epoxy resin grout can be applied as easily as a cementitious mortar, with just one hand and without special tools. The washing behavior also corresponds to that of cementitious mortars. No residual haze remains in combination with PCI Durapox® Finish. The fact that

PCI Durapox<sup>®</sup> Premium Multicolor can also be applied at low temperatures was another benefit when grouting the gold mosaic tiles. "We would have had to wait until it got warmer when using conventional grouts. With PCI Durapox<sup>®</sup> Premium Multicolor we were able to complete the work and keep to the schedule," says Sascha Wurth and also praises the excellent service and support of the entire PCI team: "The support during planning and processing was very valuable for us. We will rely on PCI also for future projects."

## Project data

Project title:	A real eye-catcher: gold mosaic with color-matching grout
Subtitle:	Golden mosaic facade on business building in Neuss grouted with PCI Durapox <sup>®</sup> Premium Multicolor
Location:	Neuss
Project size:	Approx. 19 sqm; total facade area about 30 sqm
Completion year:	2020
Task:	Laying and grouting 51,000 gold leaf mosaic tiles on a building facade
Products used:	PCI Durapox <sup>®</sup> NT plus, PCI Durapox <sup>®</sup> Premium Multicolor, PCI Silcofug <sup>®</sup> E, PCI Durapox <sup>®</sup> Finish
Company :	Fliesencenter Wurth GmbH, Solingen
PCI adviser	Henning Uebach
PCI application technician	Stephan Leistner
PCI service technician	Christian Kollmeyer
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**Images:**



*The owner of a business building in Neuss, North Rhine-Westphalia, wanted to leave something lasting for his city: He had the previously somewhat bleak-looking facade decorated with mosaic tiles in gold leaf.  
Link to high-resolution [Photo](#)*

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The company used PCI Durapox NT plus for laying mosaic and PCI Durapox Premium Multicolor for grouting in the golden yellow color exactly matching the mosaic. [Link to high-resolution Photo](#)

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*PCI Durapox® Premium Multicolor can be applied as easily as cementitious grout thanks to its creamy consistency. [Link to high-resolution Photo](#)*

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To prevent thieves from removing the gold from the 51,000 tesserae, they are protected by glass made from recycled Italian wine bottles. Link to high-resolution [Photo](#)

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*PCI Durapox® Premium Multicolor can be washed off with the washing aid PCI Durapox® Finish without leaving a residual haze. [Link to high-resolution Photo](#)*



*An extravagant appearance: the mosaic tiles together with golden joints. [Link to high-resolution Photo](#)*

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*The golden facade is a real eye-catcher in the pedestrian zone of Neuss: mosaic tiles grouted with PCI Durapox® Premium. [Link to high-resolution Photo](#)*

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#### About PCI

PCI Augsburg GmbH is part of MBCC Group 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 flooring sector. The PCI Group employs a staff of more than 1,200 in Europe and generated sales of significantly over €300 million net in 2019. Further information about PCI on the Internet under [www.pci-augsburg.de](http://www.pci-augsburg.de).

#### About MBCC Group

The MBCC Group is one of the leading suppliers of construction chemicals and solutions worldwide and has emerged from the carve-out of the former BASF Construction Chemicals business from BASF Group. We offer innovative and sustainable products and solutions for the construction industry across different sectors, such as buildings, structures, underground construction, new construction, as well as for renovation. Our strong brands Master Builders Solutions®, PCI®, Thermotek®, Wolman®, Colorbiotics® and Watson Bowman Acme® are well established in the marketplace. With our innovations, we address sustainability challenges in the industry. MBCC Group consists of approximately 70 legal entities worldwide and is home to around 7,500 construction experts in over 60 countries. For more information go to: [www.mbcc-group.com](http://www.mbcc-group.com).

We build sustainable performance.

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