

# Reference project

Augsburg, 13.10.2017

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## Laying large tiles at a car dealership in Hof

### Focusing on cars

The large Automobil-Zentrum-Hof has been located on the edge of Hof, a town in “uppermost Bavaria”, as the local people say, since 2016. Here, Motor-Nützel GmbH focuses its operations in Hof at one location, with Audi, Volkswagen and Skoda dealerships. The car dealer built the new facilities at the centre in accordance with the latest standards of the carmakers concerned. The Skoda showroom features large white tiles which were laid using PCI products. PCI adviser Armin Brehm and PCI applications technician Winfried Schuster provided support for planning and implementation.

### Strong bonding for heavy vehicles

The tilers started by applying PCI Gisoground primer to the substrate. This was followed by application of the very low-emission tile adhesive PCI Flexmörtel S2 both to the substrate and to the backs of the tiles in order to ensure better bonding and to prevent voids. Using this buttering and floating procedure, the craftsmen laid the 60 x 60 cm tiles in stack bond over a total area of 740 m<sup>2</sup>. “This tile adhesive is especially well-suited for laying large tiles,” explains Winfried Schuster from PCI. “Its firm consistency prevents the sagging of heavy tiles and the formation of uneven surfaces. In addition, the highly elastic mortar absorbs temperature differences and stress from

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the substrate, ensuring a tensile strength that is twice the value required.” The joints were grouted using PCI Nanofug Premium, a variable, very low-emission flexible joint grout for all tiles and natural stones. The craftsmen used PCI Elritan 140 single-component polyurethane sealant to fill the expansion joints.

The fashionable large white tiles have created a bright and welcoming atmosphere in the showroom. The matching colour schemes used for walls and floors focus attention on the Skoda cars which are on show.

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## Project data

Project title:	Focusing on cars
Subtitle:	Laying large tiles at the car dealership centre in Hof
Location:	Hof
Year of completion:	2016
Objective:	Laying large tiles (60 x 60 cm) in a Skoda showroom
Project size:	740 m <sup>2</sup>
Products used:	PCI Gisogrund, PCI Flexmörtel S2, PCI Nanofug Premium, PCI Elritan 140
Client	Motor-Nützel GmbH
Planning:	W. Markgraf GmbH & Co KG, Bayreuth
PCI applications technician:	Winfried Schuster
PCI technical adviser:	Armin Brehm
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### Photos (for downloading PI)



Fig. 1: PCI adviser Armin Brehm provides advice on site: Here, he is planning the laying of large tiles in the Skoda showroom.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=9301&size=8688x5792&format=&check=fe99257d13e7c68eb3dcbcf668ebaa26>

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Fig. 2: Tile laying with PCI Flexmörtel S2 tile adhesive: the powder is added to the gauging water and stirred to form a smooth, plastic mortar using a stirrer or mixer. The mortar is allowed to stand for about three minutes and then briefly stirred again. Thanks to its smooth consistency, it is easy to process.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=9285&size=5792x8688&format=&check=2a8ff43c6fd05f17d910ab4b0d200c30>

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Fig. 3: The tilers apply PCI Flexmörtel S2 to the primed substrate using a notched trowel. Important: only apply as much mortar as can be covered with tiles within the specified working time.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=9296&size=8688x5792&format=&check=77ed5c4cfbe5a66a2b86e43d65d31950>

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Fig. 4: Using the smooth side of the notched trowel, the tilers apply a thin layer of mortar to the back of the large tiles. Application of adhesive to the tile and the substrate prevents voids and makes for better bonding of the tiles to the substrate.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=9291&size=8688x5792&format=&check=5c12d36758194c79e63e735e9ef9a029>

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Fig. 5: After the adhesive has been applied, the tiles are positioned in the adhesive bed with a slight pushing motion and aligned.

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Fig. 6: The finished tiling in the Skoda showroom. The large white tiles create a bright and friendly atmosphere in the showroom.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=9090&size=8328x5553&format=&check=b0dba958c3dc9ad2636625c41422486e>

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Fig. 7: Once again, PCI products have proved themselves in practice. The highly motivated tiling team is enthusiastic about PCI tile fixing products.

<https://pics.pci-augsburg.com:443/php/index.php?database=2&downloadimage=9294&size=8688x5792&format=&check=45646805cda06d19dbab49c3e4ee37a5>

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## **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. PCI employs a workforce of more than 1,200 people in Europe and generated net sales of over €250 million in 2016. Further information about PCI on the Internet at [www.pci-augsburg.de](http://www.pci-augsburg.de).*

## **About BASF**

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