

Property	<b>Artistic paving on the Europaplatz in Limburg</b>
Date	2012
Location	Limburg
Execution	June to July 2012
The task	Coat of arms made from paving stones laid in the pedestrian zone
Area size	80 m <sup>2</sup>
Products used	PCI Pavifix DM drain and screed mortar, PUR joint grout PCI Pavifix PU, PCI Carraflott NT thin-bed, medium-bed and flowable adhesive.
Client	<b>Town of Limburg</b>
Company and planning	Alois Jung Pflasterbau, Hadamer-Niederzeuzheim
Technical consultant	Rainer Martin, Dipl. Ing. (FH) Oliver Marek

## Twin towns chiselled in stone

The picturesque town of Limburg can look back on a long tradition. This also includes its historical twinning with 3 towns: Sainte Foy-lès-Lyon in France, Oudenburg in Belgium and Lichfield in Great Britain. To pay special tribute to these relations, Limburg officials decided to have an impressive (ground-level) image made from paving stones laid on the Europaplatz in the town. Together with the paving specialist Alois Jung, the Office of Public Works planned a circular painting made from various paving stones which depicts the coats of arms of the four towns and is approximately 80 m<sup>2</sup> in size. Working closely with technical consultant Rainer Martin from the construction chemicals specialist PCI Augsburg GmbH, they were able to complete the project successfully within six weeks. The square in front of the Mayor's office is adorned with a circle, ten metres in diameter, made from basalt, marble, granite and porphyry. To create a solid, well-draining substrate which is also aesthetically pleasing at the same time and can withstand the everyday challenges of traffic and weather, the planners and paving specialists turned to well-established PCI products. Despite the fact that many different types of stone were used, the pavers were able to accomplish their task with a combination of products: PCI Pavifix DM was used for the substrate, PCI Carraflott NT for laying the paving and PCI Pavifix PU as the joint grout for the entire surface. "It is not just the substructure that needs to perform well, extremely high demands are also made of the adhesives

and joint grout when laying paving stones in public places", explains PCI Technical Consultant Rainer Martin. "After all the entire structure around the stones contributes to the stability of the ground. That is why we recommended PCI Carraflott NT as the adhesive and PCI Pavifix PU as the joint grout for creating the coat of arms feature." The thin-bed, medium-bed and flowable adhesive PCI Carraflott NT is a product from our special Carra line, which takes into account the special characteristics and demands of all natural stones. For example, the mortar used in Limburg prevents deformation and discolouration on sensitive natural stone. The perfect finishing touch to this work of art was made when the stone layers completed the final grouting. Here they chose PCI Pavifix PU, a mortar from the reliable joint grout range for natural stone and concrete floor coverings from PCI. Since the product is highly wear-resistant, the mortar provides long-lasting resistance to weather, frost and mechanical stress. Which means that the town's residents and visitors will be able to enjoy this artfully designed picture for a long time to come.