



9,000 m² Heavy-Duty Paving jointed with ISATEC® - FLEX

With the development of Europaplatz, a vibrant new urban district has emerged in the heart of Heidelberg, combining residential, commercial, and leisure spaces in a dynamic city environment. The central plaza, covering approximately 9,000 m², forms the core of the quarter. Officially opened in September 2024, it serves as a forward-looking example of multifunctional urban design.

Initial Situation and Requirements

The plaza surface was constructed using heavy-duty paving stones in the format 60 × 60 × 16 cm. Due to the unbound construction method, a rigid jointing solution was not feasible. Nevertheless, the project demanded the highest standards in terms of durability, ease of maintenance, long-term performance, and water permeability.

ROMEX® Solution

Following intensive coordination between the planning office, the City of Heidelberg, the executing company Gramenz GmbH, and the ROMEX® project team, the decision was made to use ISATEC® - FLEX – a tough-elastic jointing compound specifically designed for unbound construction methods. It combines several crucial advantages: its elastic formulation reliably compensates for dynamic loads; its permeability prevents standing water and promotes natural drainage. Additionally, the material is resistant to mechanical street cleaning and therefore ideally suited for high-traffic urban areas. Thanks to its long-term stability, ISATEC® - FLEX significantly reduces maintenance requirements and helps preserve consistently clean appearance. The installation was carried out by trained professionals from Gramenz GmbH. Timely project completion was made possible through close collaboration among all parties involved.

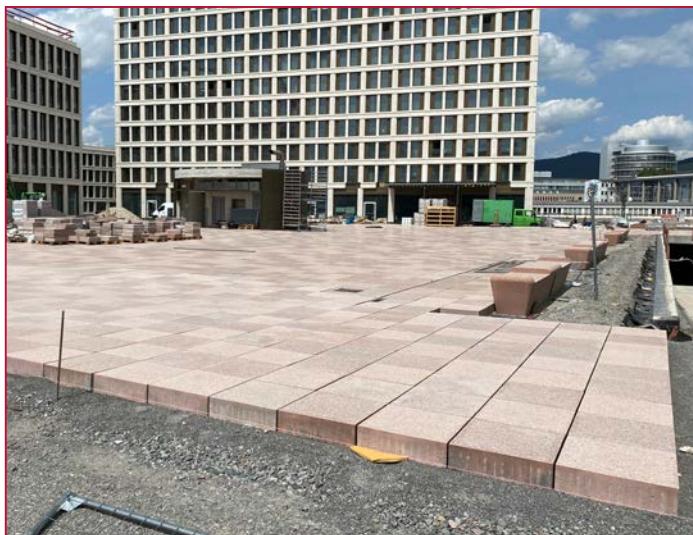
Key Features & Success Factors

- Innovative jointing solution for unbound paving systems
- Sustainable, low-maintenance system for public spaces
- Combination of architectural ambition and technical performance
- Strong cooperation between planning, execution, and product development

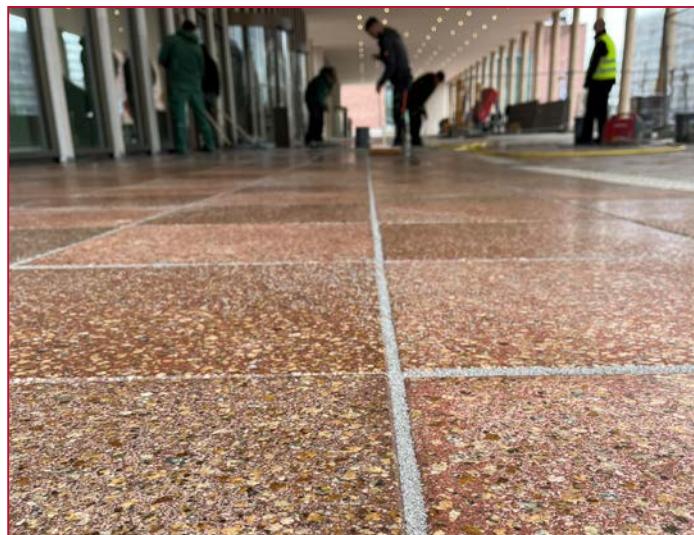
Conclusion

Europaplatz Heidelberg exemplifies future-oriented urban design with a focus on both aesthetic and functional quality. With ISATEC® - FLEX, a modern, resilient, and visually refined public square was created – durable, easy to maintain, and ideally suited to everyday urban use.

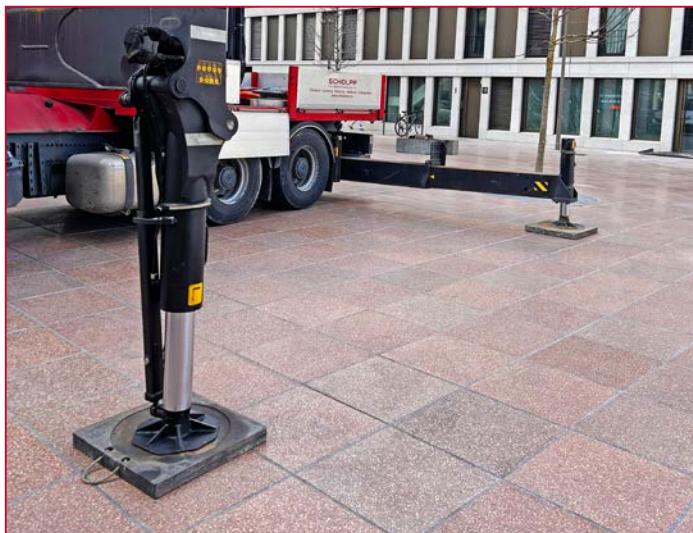
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Heavy-duty paving laid in an unbound construction



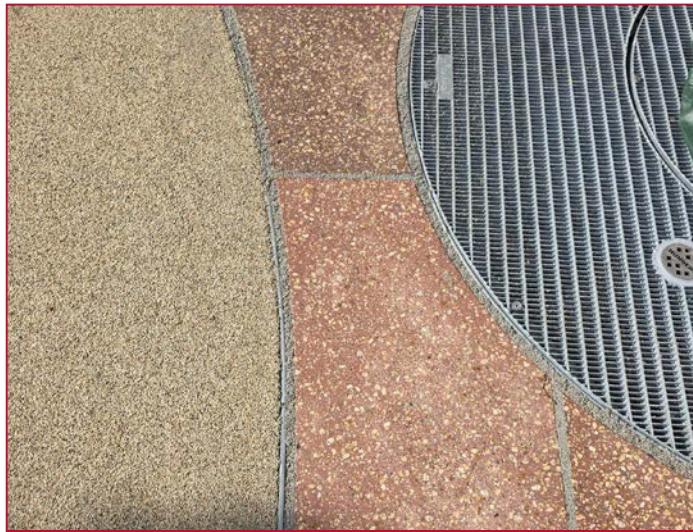
Processing of the flex joint by a qualified contractor



High point loads are no problem for the flexible joint



9,000 m² of jointed paving



Cleanly jointed fixtures



The colour of the joint is neutral



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