



## 550 m<sup>2</sup> of newly jointed paving with ISATEC® - FLEX

As part of a comprehensive urban renewal program, the central pedestrian zone of the city of Feldkirch was modernized. One of the primary objectives was to improve the city's microclimate by dissipating heat through the paving surface. At the same time, the aim was to create durable, low-maintenance, and visually appealing public spaces.

### Initial Situation and Requirements

The city placed great importance on closed and stable joints to prevent cigarette butts, glass shards, and other debris from accumulating between the paving stones. This approach not only promotes urban cleanliness but also helps maintain a tidy and attractive cityscape. The technical challenge was to find a jointing solution that combined flexibility with strength – ideal for high-traffic pedestrian zones with occasional light vehicle access.

### ROMEX® Solution

In close consultation with the local ROMEX® representative and the city of Feldkirch, the decision was made to use the two-component specialist jointing mortar ISATEC® - FLEX. This material offers the ideal combination of elasticity and strength and is specifically designed for unbound construction methods. Its flexible structure reduces the risk of cracking or joint failure caused by slight movements of the paving stones – an important factor for long-term surface durability. ISATEC® - FLEX also boasts a high load-bearing capacity and is perfectly suited for the demands of everyday urban use. Its durability makes it a sustainable and economically efficient solution for municipal infrastructure.

### Key Aspects & Success Factors

- Optimized joint structure for improved urban quality of life
- Prevention of dirt and debris accumulation
- Flexible, crack-resistant composition
- High load resistance for daily use
- Contribution to urban climate regulation via permeable surfaces

### Conclusion

The renewed pedestrian zone in Feldkirch is a strong example of how technical functionality, sustainability, and urban design can be successfully combined. With ISATEC® - FLEX, a future-ready solution was implemented that unites modern infrastructure with aesthetic appeal – enhancing public life in the heart of the city.



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Mixed mixing area



Jointing with ISATEC® - FLEX, colour stone grey



Efficient jointing in teams of two



The final finishing touches



Clean joint appearance



Overall view of the jointed surface