



20,000 m² joint closure with ISATEC® - FLEX on the market square of the Capital of Culture 2011, Turku, Finland

The development of the city centre was one of the most important projects of the city of Turku, the oldest city in the country. The redesigned market square was to become a multifunctional meeting place and lively event venue in one. The aim was to realise the redesign using the existing stones and slabs in such a way that it would meet modern requirements. For example, an underground heating system was installed under the newly laid antique paving stones and slabs at ground level. By building an underground car park, it was possible to create even more space by eliminating above-ground parking areas. The joints were to be permanently sealed to prevent contamination of the joints, e.g. by cigarettes, broken glass and other impurities.

After intensive consultation with the city of Turku by our local contact and the ROMEX® project department from the company headquarters in Germany, the joint closure was carried out with the visco-elastic 2-component special jointing mortar ISATEC® - FLEX between 2017 and 2022. The result is impressive: The joints are closed, but still permeable to water, frost and de-icing salt resistant and sweeper-proof. ISATEC® - FLEX is the first and only visco-elastic jointing mortar on the market. A permanently strong joint prevents the joint material from shrinking, e.g. due to traffic loads, the use of vacuum sweepers or fast-flowing surface water. The appearance of the joint has been met with enthusiasm by the city of Turku, its residents and visitors, and not least by local businesses.

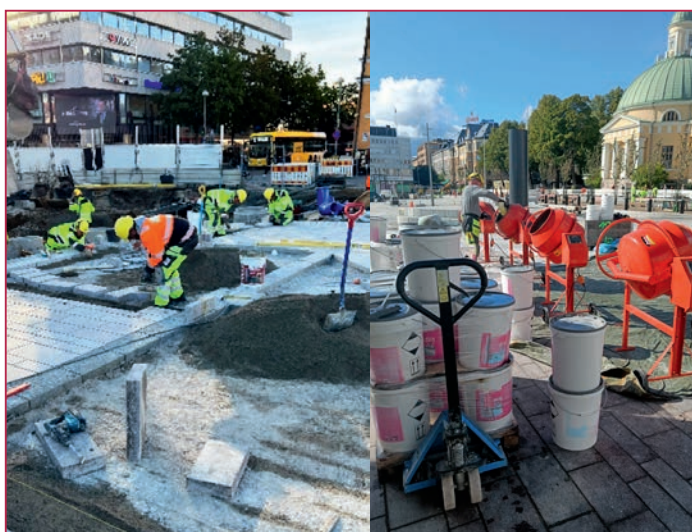
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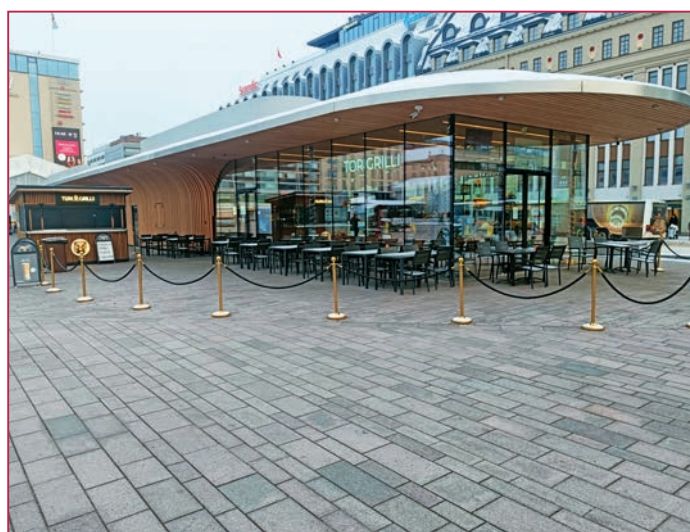
Underground heating



Laying the paving



Processing paving joint mortar



Modern paving



Elegant mix of stones and slabs



Marketplace long shot

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