



SIKA AT WORK

CONSTRUCTION OF NEW TRAM TRACKS FOR KRAKÓW FAST TRAM: FROM RONDO GRZEGÓRZECKIE TO KROWODRZA GÓRKA

SIKA TECHNOLOGY: Icosit® KC

BUILDING TRUST



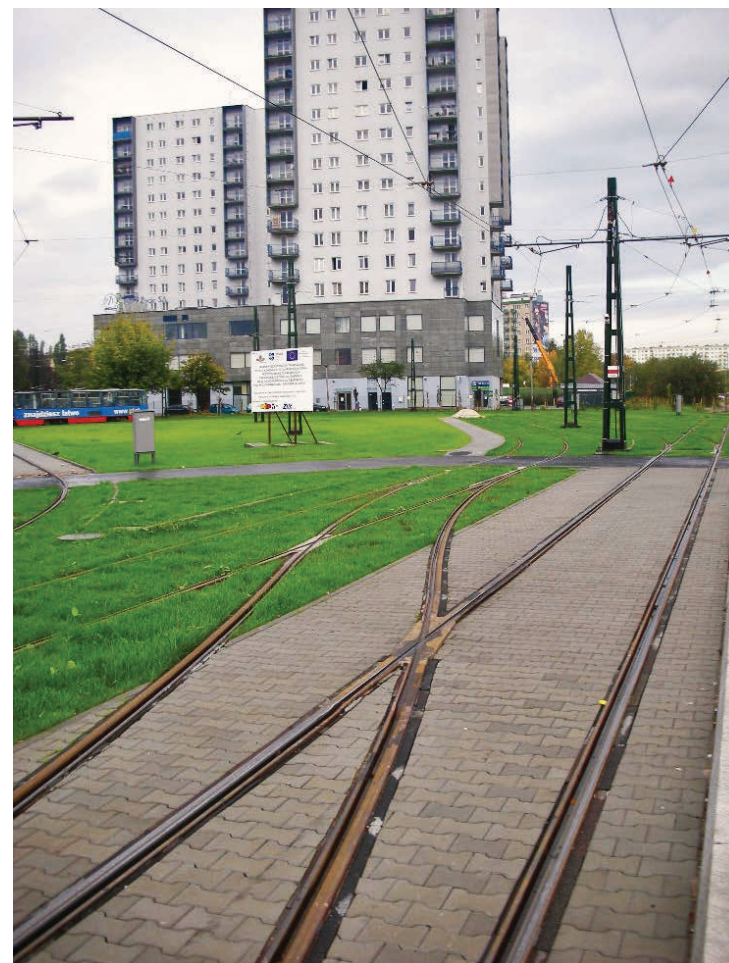
NEW 4000 METERS LONG TRAM TRACKS FOR A KRAKÓW FAST TRAM LINE

KRAKÓW FAST TRAM IS A DEVELOPING FAST TRAM NETWORK IN KRAKÓW THAT ALLOWS FOR QUICK AND SAFE PASSAGE OF TRAMS. IT CONSISTS OF SEVERAL MODERNIZED EXCLUSIVE TRAM TRACKS WITH ABSOLUTE PRIORITY ON CROSSINGS, AND AN UNDERGROUND, 1,4 KILOMETERS LONG TUNNEL UNDER THE RAILWAY STATION WITH TWO UNDERGROUND STOPS. THE FAST TRAM LINE OF OVER 4000 M OF THE TRACK FROM RONDO GRZEGÓRZECKIE TO KROWDRZA GÓRKA WAS OPENED IN DECEMBER 2008.



PROJECT REQUIREMENTS

The construction of lawn track with road crossings required green, ecological track with high mechanical resistance and long durability. It was necessary to ensure a high precision of the alignment of track as well as electrical isolation and reliable protection from the negative influence of the tram traffic such as vibration and secondary noise. Additional requirements were short term execution of tram track construction and low Life-Cycle costs.



DURABLE RAIL FIXING SYSTEM FOR A GREEN, ECOLOGICAL TRACK WITH EFFECTIVE VIBRATION INSULATION

SIKA SOLUTIONS

During works materials of **Icosit® KC** series for trackworks were used. Discrete fixation was made with **Icosit® KC 340/4** on foundation walls whereas Embedded Rail System with **Icosit® KC** was applied in road crossings. Altogether approximately 30 tons of materials of **Icosit® KC 340/4** and **Icosit® KC 340/45** series were used for this project.

Thanks to high quality of **Icosit® KC** system it was possible to fulfill all requirements including high mechanical resistance, long durability of tram tracks, low Life-Cycle costs, , high precision of the alignment of track, electrical isolation and effective vibration insulation which ensured a reduced impact of tram traffic on the environment.





PROJECT PARTICIPANTS:

Owner: Kraków City

Investor: Kraków City

Project: Fean Projekt

Main Contractor: Budostal 5, ZUE

Sub-contractors: NTB

Sika Poland: Maciej Muszyński

Our most current General Sales Conditions shall apply.

Please consult the most current local Product Data Sheet prior to any use.



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