



SIKA AT WORK

NEW FOUNDATIONS WITH DISCRETE FIXATION RAIL TRACK

BUILDING TRUST



RAILWAY STATION, JEVNICA, SLOVENIA



The initial condition of the foundations



Preparation of the surface by complete removal of the old foundation, sandblasting and leveling with Sikadur®-12 Pronto.



Production of formwork and installation of Sikadur®-12 Pronto in 2 phases. Drilling for anchoring the threaded rods.

PROJECT DESCRIPTION

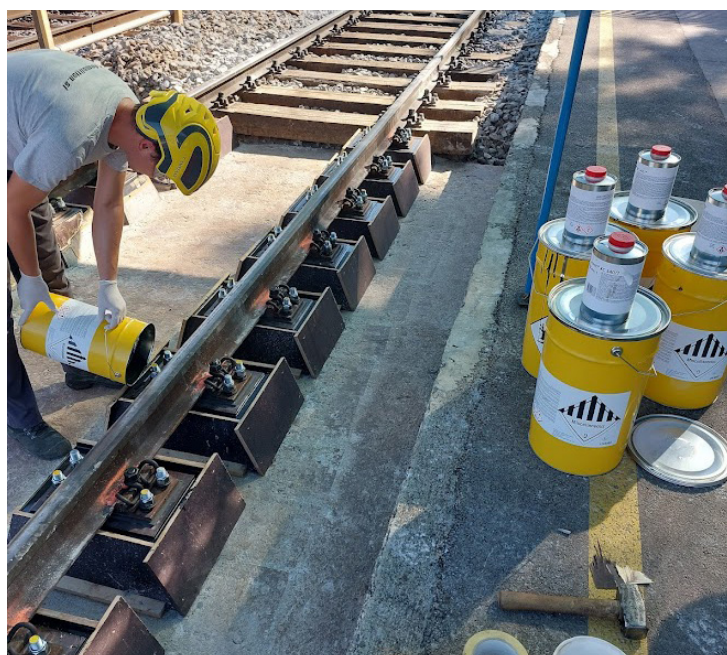
The foundations were worn to the point of total decay. The scene was anything but beautiful and also scary for the waiting passengers. Old foundations were to be completely removed and replaced with new ones, using fast curing grouts and Icosit technology.

REQUIREMENTS/CHALLENGES

Due to the location of the foundations, which are at the railway station itself, there was a need for sound reduction and, of course, quick installation. There were also requests for a reduction in maintenance costs and a long service life. Due to summer and high temperatures, it was necessary to provide protection from the sun for multi-component products.



Advice before starting mixing and application.



Installation of Icosit® KC 340/7 material.



Space for Icosit installation.

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The final product.

SIKA SOLUTION

The old foundations were removed and the surface of the base concrete slab was sandblasted. After sandblasting, the surface was leveled with fast-setting mortar Sikadur®-12 Pronto. Molds for new foundations were made on this basis. The Sikadur®-12 Pronto grout was poured in 2 stages. This was followed by drilling for anchoring the threaded rods. Icosit® KC220/60 TX was used as anchor mass, this was followed by the application of Icosit® KC330 Primer and pouring of Icosit® KC 340/7.

SIKA PRODUCTS

Sikadur®-12 Pronto
Icosit® KC220/60 TX
Icosit® KC330 Primer
Icosit® KC 340/7

PROJECT PARTICIPANTS:

Investor:	Slovenske železnice-infrastruktura d.o.o.
Application:	Kera-mix d.o.o.
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