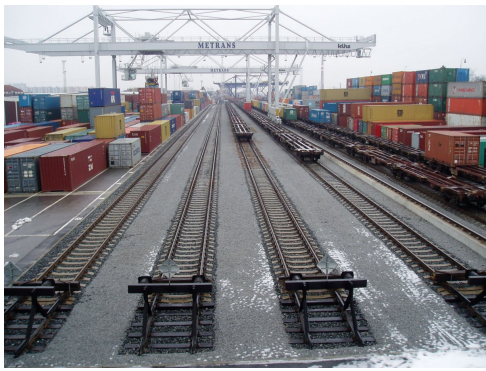




SIKA AT WORK

Undersealing gantry crane baseplates

Sika PU grouts



The Metrans main terminal in Prague has 3 gantry cranes. Existing gantry crane track was executed with discrete fixation points undersealed with cementitious rigid grout. After few years in operation the dynamic load leads to cementitious grout has crushed. The project is a reconstruction based on replacement existing cementitious grout with PU grout – Icosit KC 330/10.

Investor: Metrans a.s.

Executing company: Tesan spol. s r.o.

PROJECT REQUIREMENTS

The reconstruction of fastening system executed as a discrete fixation points for gantry cranes took place in 2019–2020. During this period, nearly 400 discrete fixation points were replaced. The investor's requirements was focused on the to long durability of the repaired track together with shortening of the repair work. The replacement of the damaged rigid grout was carried out in stages in order to reduce the operating limitationsof gantry cranes. Rapid retur to service was possible due to short curing time of Icosit KC 330/10. To date no damages has been observed on the discrete fixation points executed with using of Icosit KC 330/10.

SIKA SOLUTION

Icosit KC 330 Primer – 1-pack, PU product used as an adhesion promoter

Icosit KC 330/10 – 2-part PU grout, designed as a vibration absorbing, load-bearing, flexible grout for discrete or continuous trackwork baseplates where particularly high wheel loads are involved.

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