



The new Stelcon tram layer – extremely silent and economical

Using our patented level crossing and track-supporting layer system "Tram-RF[®]" makes the tram to come "on tiptoe"

Following a close observation of the market and with committed know-how we introduced our patented "Tram-RF[®]" track-supporting layer as a result of the consistent further development of the Stelcon "Standard" track-supporting layer. Test results and statements by users confirm the advantages of these layers, especially when used in urban traffic. In cooperation with our partner voestalpine Klöckner Bahntechnik GmbH Stelcon implemented an economical track-supporting system using the "Rheinfeder" rail fastening system. The outstanding features of the low-maintenance system are the considerably reduced structure-borne noise emissions, its virtually unlimited service life and the possibility to remove and reuse it if required.

Stelcon track-supporting layers make the road surface much more wear-resistant compared to asphalt or normal concrete, as proven by its stability – track-supporting layers made by Stelcon can be used for almost any type of load in road traffic, including trunk road intersections with peak loads of up to 40,000 vehicles per day.

A well-coordinated logistics system at the construction site as well as our on-site technical service including consulting, planning and support at the worksite with immediate trafficability enable you to install the layers without any major operational disruptions.

Your advantages:

- Excellent structure-borne noise insulation due to elastically cased running rails
- Maximum vertical deflection of 1.5 mm
- Stray current isolation in compliance with BO Strab, DIN 50122-2 (VDE 0115-4) requirements
- Simplest installation of the rail fastening under any weather conditions
- The top-quality concrete guarantees durability even against frost and highway salt or other mechanical effects
- No rut formation
- Variable surface design

Areas of application:

- Level crossings in suburban traffic
- Pedestrian zones with rail traffic