

## Pilot Project in Brey as part of the noise protection program - Middle Rhine Valley of Deutsche Bahn

### KRINNER Ground Screws as an innovative and environmentally-friendly method

The project consists of a series of noise barriers, which are based on KRINNER Ground Screws in Brey, Rhineland-Palatinate. The noise barriers are intended to provide the necessary noise protection for local residents. For the foundation of the noise barriers, 151 KRINNER Ground Screws (length 4.25 - 5.5m, diameter 40.6 cm) were installed by the sub-contractor Infra-tec. The noise barriers extend over a length of approx. 700m and are 3m high. The decisive factor in Deutsche Bahn's choice of KRINNER Ground Screws for this project was the fact that it is a highly sustainable foundation method, which is also particularly low-noise and low-vibration. KRINNER Ground Screws also impress with their fast installation time, which ensures a short rail-blocking time and thus reduces installation costs.

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FACTS & FIGURES	
Project Title	Noise Barriers for DB
Location	Brey, Rhineland-Palatinate
Country	Germany
Contractor	German Railroad/Deutsche Bahn
Execution	Infra-tec
Products	151 x KRINNER Ground Screws with EBA-certification, Length 4.25 - 5.5 m, Diameter 40.6 cm, Machine KRG 100



Exemplary illustration of a noise cancellation wall on KRINNER Ground Screws

