

Scherkondetalbrücke



SHORT DESCRIPTION

The Scherkondetal Bridge is the first semi-integral prestressed concrete bridge for the high-speed traffic of Deutsche Bahn.

THE PROJECT

The 576.5 m long Scherkondetal Bridge was awarded the German Bridge Construction Prize 2012 in the “Road and Railway Bridges” category because, according to the jury's verdict, it was “an aesthetically convincing, innovative structure and a milestone in modern railway bridge construction”. It is the first semi-integral prestressed concrete bridge for the high-speed traffic of Deutsche Bahn. The superstructure consists of a haunched prestressed concrete slab beam created with a feed scaffold.

SERVICES IN DETAIL

350 t prestressing steel (prefabricated tendons)

Installation, stressing and injection

FACTS

Location	Krautheim , Germany
Status	completed
Start of construction	January 2009
Completion	December 2009
Building owner	DB AG
Contracting entity	Adam Hörnig
Planning	Büchting + Streit

SERVICES

Post-tensioning system

Bridge construction



<https://www.bbv-systems.com/en/projects/detail/ref/scherkondetal-bridge/>

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