PRESS RELEASE

14/11/2018

**Biggest rail project ever for Getzner in Turkey**

**Getzner Werkstoffe installs elastic bearings on high-speed line from Ankara to Sivas**

**Buers (Austria), Ankara (TR): The new high-speed line between Ankara and Sivas represents one of the biggest rail projects ever for Getzner in Turkey. The elastic products from the company based in Buers (Austria) provide vibration protection and should significantly reduce the need for maintenance on the 406 km long track.**

The new high-speed line operated by the Turkish railway company TCDD (Türkiye Cumhuriyeti Devlet Demiryolları) connects the capital Ankara with Sivas. The new line will reduce travel times to two hours from its current twelve, and shorten the route between the two cities from 603 km to 406 km. New trains, with a seating capacity for 516 passengers, will operate on the route. A daily timetable of services is planned to come into operation from 2020 with trains running at speeds of up to 300 km/h.

The Ankara – Sivas route encompasses many bridges and viaducts plus 50 km of tunnels in total. The [transition zones](https://www.youtube.com/watch?v=2uF4yo1POIo&feature=youtu.be) from open track to tunnels and bridges represent a major challenge in terms of the level of required maintenance. Similarly, the numerous high-speed turnouts form high-maintenance components on the line. Under ballast mats and under sleeper pads from Getzner have been used to optimise these sensitive track sections. “Our products protect the ballast, helping to minimise wear in superstructure components. This will reduce the need for maintenance, in particular at turnouts and transition zones, and so significantly increase track availability”, explains Ismail Bayrak, Project Manager for Getzner. A total of 125,000 m² of under ballast mats and 65,000 under sleeper pads will be installed.

**Comprehensive project support**

The project is being implemented in two stages. The first construction phase covers the Yerköy – Sivas section (253 km) which will be completed in May 2019. The subsequent second phase will encompass the 153 km section between Kayaş/Ankara and Yerköy.

Detailed planning based on precise calculations and extensive consultation resulted in the development of a workable solution. The Getzner experts also drew up installation plans for the products and were responsible for on-site supervision. One further detail: to help reduce environmental impacts, the Getzner materials for this project were transported from Austria to Turkey using a combined transport solution (trucks travelling by rail).

A host of successfully completed projects prior to this one clearly demonstrates Getzner’s successful working relationship with Turkey as project partner: Metro Istanbul (2016 - 2018), BursaRay Metro (2016), Kocaeli Tramway (2016), Antalya Tramway (2016), Samsun Light Railway (2016), Çatalca Tunnel (2014), Marmaray BC1 (2012). Turkey has plans for ongoing investment in the expansion of its rail network, including commuter (Metro Istanbul) and inter-city lines (high-speed line from Ankara to Izmir).

**Ankara – Sivas high-speed line**

Client/contractor: 1st construction phase Yapı Merkezi İnşaat ve Sanayi A.Ş.

Operator: TCDD, Türkiye Cumhuriyeti Devlet Demiryolları

Getzner installation: 2018

Planned opening: 2020

Length: 406 km Ankara – Sivas

Elastic components: Getzner Werkstoffe GmbH, Buers

Getzner products: 65,000 track and turnout sleeper pads,   
125,000 m² under ballast mats

Project support: Model and forecast calculations using the finite element method, supervision, quality control, inspection

*Tweet suggestion: Biggest rail project ever for #Getzner in Turkey #ballast protection for Ankara – Sivas high-speed line*

**See here for the** [**press kit**](https://www.getzner.com/en/press/biggest-rail-project-ever-for-getzner-in-turkey)

**Image 1:** High speed train

**Image caption 1:** The vibration protection is designed to significantly reduce maintenance on the 400-kilometer track.   
  
**Image 2:** Under sleeper pads

**Image caption 2:** Under sleeper pads help to extend ballast service life and also provide vibration protection.

**Image 3:** Under ballast mats and side mats

**Image caption 3:** The aim of the elastic solutions is to significantly increase ballast service life.

**Image 4:** Installing under ballast mats

**Image caption 4:** The under ballast mats will reduce the need for maintenance on the new high-speed line.

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**Getzner Werkstoffe GmbH**

Getzner Werkstoffe is the leading specialist in the field of vibration isolation and protection. The company was founded in 1969 as a subsidiary of Getzner, Mutter & Cie. Its solutions are based on the products Sylomer®, Sylodyn®, Sylodamp® and Isotop®, all of which were developed and manufactured at Getzner's own facility. They are used in the railway, construction and industry sectors to reduce vibrations and noise, improve the service life of bedded components and thereby minimise the need for maintenance and repairs on tracks, vehicles, structures and machines.

Getzner markets its vibration protection solutions around the world. Alongside its locations in Buers and in Germany, Getzner also has offices in China, France, India, Japan, Jordan and the USA. Its dense distribution network in Europe is complemented by its distribution partners in the USA, South America and the Far East. Partners in a total of 35 countries around the world distribute Getzner Werkstoffe products to every location. By reducing noise and vibrations, Getzner is making a valuable contribution towards enhancing quality of life in both the home and work environment.

In 2018, Getzner, Mutter & Cie., Getzner Werkstoffe and Getzner Textil are celebrating their 200th anniversary: [200years.getzner.com](https://200years.getzner.com/en)

**Facts and figures – Getzner Werkstoffe GmbH**

Founded: 1969 (as a subsidiary of Getzner, Mutter & Cie.)

CEO: Juergen Rainalter

Employees: 420 (290 in Buers)

Turnover in 2017: EUR 95.2 million

Business areas: Railway, construction, industry

Headquarters: Buers (AT)  
Locations: Peking, Kunshan (CN), Munich, Berlin, Stuttgart (DE), Lyon (FR),   
 Pune (IN), Amman (JO), Tokyo (JP), Charlotte, Decatur (US)

Ratio of exports: 94%

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