PRESS RELEASE

08.09.2022

**Getzner presents innovations in the railway sector**

**Whether in vibration isolation, protection of the railway superstructure or noise reduction: the vibration protection experts at Getzner Werkstoffe are launching a whole range of new products.**

**Bürs (AT). Getzner Werkstoffe meets the growing global demand for effective solutions for the sustainable expansion of railways with a whole range of customer-oriented product innovations. These include a new Under Sleeper Pad for heavy loads, a specially developed Under Ballast Mat for the protection of the ballast as well as innovations in vibration isolation. Efforts in the field of research and development are further intensified. A particular focus lies on digitalisation.**

For more than 50 years, Getzner Werkstoffe has been successful as an international market and technology leader in the field of vibration isolation. With a strong focus on research and development, the Austrian company introduces a whole range of innovations for the sustainable expansion and modernisation of railways. “In the rail sector, we are experiencing strong global demand for the expansion and renovation of rail connections. Our newly developed products and services, tailored to market needs, support users in ensuring safety, avoiding problems, and saving money at the same time,” emphasizes Jürgen Rainalter, Managing Director of Getzner Werkstoffe.

**Increase in performance**

In the area of “Superstructure Protection”, Getzner has expanded its product portfolio with the SLB 7000 Under Sleeper Pad for heavy haul. The Under Sleeper Pad guarantees customers high savings thanks to its extreme resistance and very good ballast bed. Rainalter: "The SLB 7000 with Sylomer® is the world's strongest Under Sleeper Pad in heavy haul – even doubling the load cycles prescribed by the testing standard leaves this virtually indestructible material unimpressed." Getzner also offers tailor-made solutions for critical areas such as turnouts.

Another novelty is the Under Ballast Mat PM 607 for the protection of the ballast and the superstructure. “Thanks to our in-house chemical expertise, we are able to make even better use of the materials' performance and thus produce in a more resource-efficient way. The new products are of high quality, safe and durable,” underlines Rainalter.

**Performance meets ecology**

Getzner Werkstoffe is also on the innovation track when it comes to vibration isolation. Regarding the new Under Ballast Mat D 1019 NG, the excellent performance has been further improved, and the product is easier to transport and install. Through chemical optimisation, the use of resources has been streamlined and the ecological footprint reduced.

In addition to vibrations, noise is a burden on people and the environment as well. In order to minimise noise in the railway sector, the company wants to break new ground – because in times of urbanisation and dynamic mobility, solutions for a liveable future are particularly important. With the high-tech materials developed at the company headquarters in Bürs, which are used, for example, in the various mass-spring systems, Getzner Werkstoffe is already reducing secondary airborne noise. In certain application areas and in cooperation with partners, Getzner is determined to step up the fight against primary airborne noise.

**Digitalisation & Research**

In various areas, the R&D specialists at Getzner Werkstoffe work on digitalisation. For example, a Sensor Sleeper is being developed. A pressure sensor is attached to the sleeper and supplies data in real time. This patented digital technology makes it possible to measure a critical interface directly and from any location with unprecedented accuracy and to monitor the condition of the superstructure. This technology is also included as a prototype in the Europe-wide research project Shift2Rail to develop a new generation of turnouts.

**Laboratory capacity expanded**

At the beginning of the year, after a two-year planning and implementation phase, Getzner Werkstoffe opened a large testing facility for laboratory measurements of elastomers. It is one of the most modern testing facilities in Europe with a maximum force of 160 kN. The tests can be carried out with high precision and provide important data and insights for innovations in the railway sector. The expansion of the laboratory increases the in-house capacity for testing and proof of the high quality standards, enabling the acceleration of development projects.

**Click here for the** [**press kit**](https://www.getzner.com/en/press/innovations-in-the-railway-sector)

Ein Bild, das Text enthält.

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**Image:** SLB 7000

**Caption:** The SLB 7000 with Sylomer® is the world's strongest Under Sleeper Pad in heavy haul.

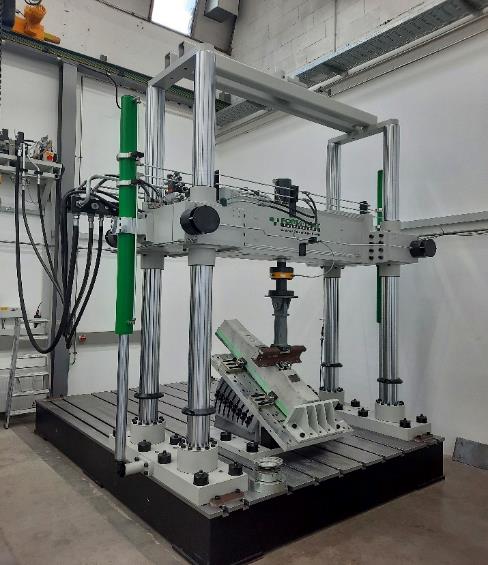
**Source:** Getzner Werkstoffe, may be published free of charge



**Image:** Sensor Sleeper

**Caption:** The pressure sensor of the Sensor Sleeper makes it possible to monitor critical interfaces with unprecedented accuracy.

**Source:** Getzner Werkstoffe, may be published free of charge



**Image:** R&D testing facility

**Caption:** The new R&D large testing facility with a maximum force of 160 kN.

**Source:** Getzner Werkstoffe, Qui/Loy, may be published free of charge

**Getzner Werkstoffe GmbH**

[Getzner](https://www.getzner.com/en) is the leading specialist in [vibration isolation](https://www.getzner.com/en/about-us) in the [railway](https://www.getzner.com/en/applications/railway), [construction](https://www.getzner.com/en/applications/construction) and [industry](https://www.getzner.com/en/applications/industry) sectors. The innovative solutions are based on the materials [Sylomer®](https://www.getzner.com/en/products/sylomer), [Sylodyn®](https://www.getzner.com/en/products/sylodyn), [Sylodamp®](https://www.getzner.com/en/products/sylodamp), [Isotop](https://www.getzner.com/en/products/isotop) and [Sylocraft®](https://www.getzner.com/en/products/sylocraft), which the company has developed and produces itself. They reduce vibrations effectively, improve the service life of bedded components and thereby minimise the need for maintenance and repairs on transport routes, vehicles, buildings and machines. Through sustainable vibration isolation, Getzner is making a valuable contribution to improving quality of life and reducing noise pollution for people and the environment.

Getzner Werkstoffe was founded in 1969 in Buers, Austria, as a subsidiary of Getzner, Mutter & Cie., and sells products and customised solutions worldwide. Alongside its locations in Germany, Getzner also has offices in Australia, China, France, India, Japan and the USA. Its own international network is complemented by sales partners in 40 other countries around the world.

**Facts and figures – Getzner Werkstoffe GmbH**

Founded: 1969

Chief Executive Officer: Juergen Rainalter

Employees: 490 (of which 360 in Buers)

Turnover in 2021: EUR 134 million

Business areas: Railway, construction, industry

Headquarters: Buers (AT)  
Locations: Melbourne (AU), Beijing, Kunshan (CN), Munich, Berlin, Stuttgart (DE),

Lyon, Paris (FR), Pune (IN), Tokyo (JP), Charlotte (US)

Export rate: 90 %

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