



Představení společnosti Getzner Werkstoffe GmbH

Prag, November 2024

Nikolaus Schemer – Project Management

nikolaus.schemer@getzner.com



Getzner Werkstoffe

Engineering A Quiet Future

FOUNDED IN

1969

AS A SUBSIDIARY OF GETZNER, MUTTER & CIE.

Factbox

About Us

FOUNDATION: 1969 as daughter of Getzner, Mutter & Cie.

MANAGING DIRECTOR: Ing. Jürgen Rainalter

EMPLOYEES: around 500 employees

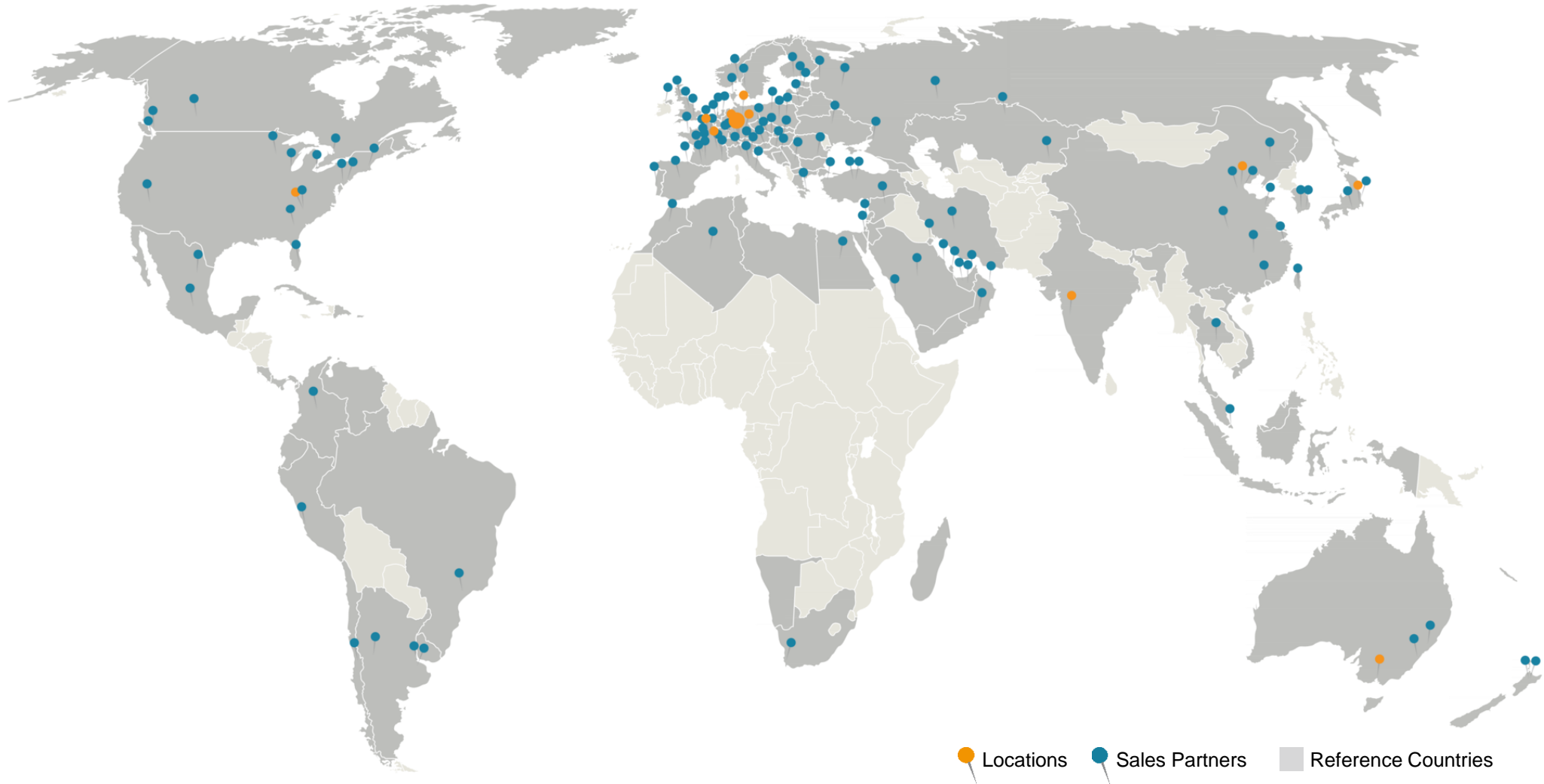
BUSINESS UNITS: Railway, Construction & Industry

TURNOVER: EUR 168 million (2023)

EXPORT RATIO: 90%

LOCATIONS: Bürs (AT), Berlin (GER), Munich (GER), Stuttgart (GER), Lyon (FR), Paris (FR), Tokyo (JP), Pune (IN), Beijing (CN), Charlotte (US), Melbourne (AUS)

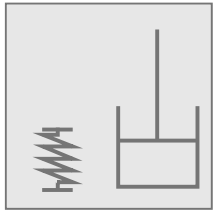
Getzner Worldwide Locations & Partners



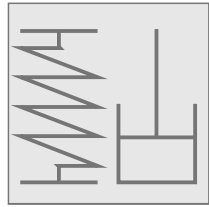
Basics of Vibration Isolation

Our Materials

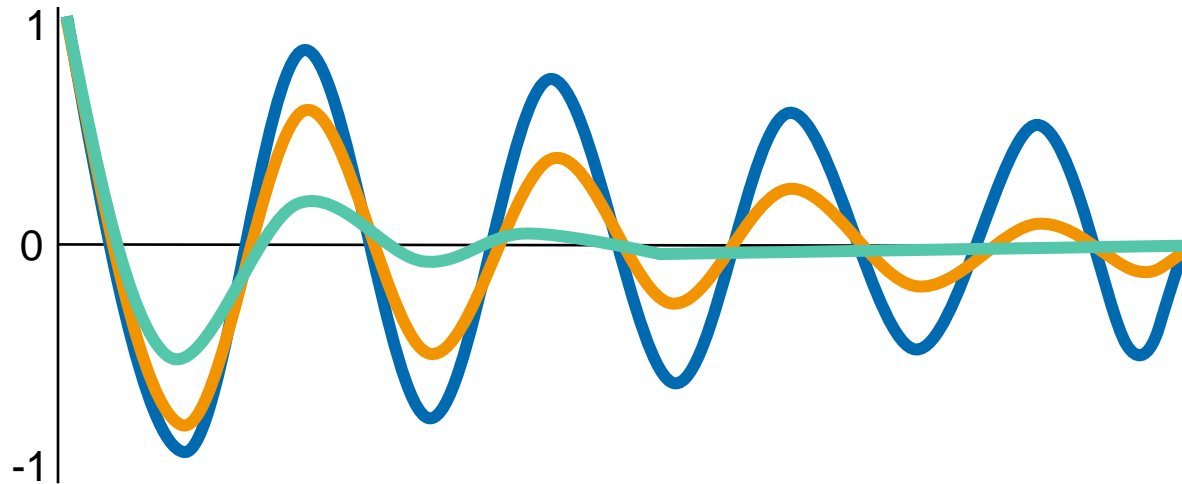
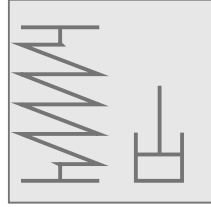
syloodamp[®] by getzner



sylomer[®] by getzner



syloodyn[®] by getzner



syloodamp[®] by getzner

sylomer[®] by getzner

syloodyn[®] by getzner

Getzner Werkstoffe

Business Units



Railway



Construction



Industry



Industrie

Service Facilities

Railway Vehicle Manufacturing

Floating Floor

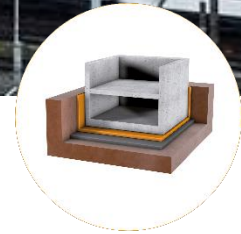


Shielding of Buildings



Europaallee Zürich (CH)

Office complex next to railway track



Shielding of Buildings Problem





Elastic Solutions for Vibration Isolation



Superstructure protection

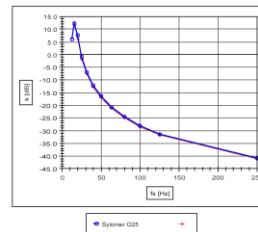
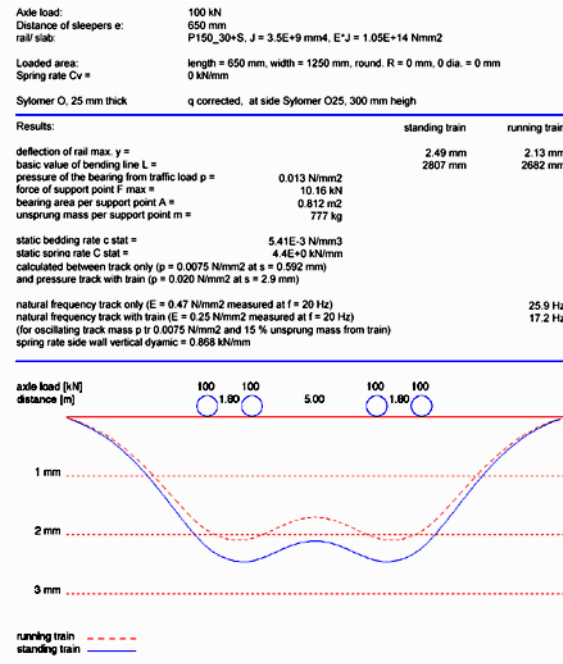


Elastic Solutions

Customer Support

Our services

- Wide range of models
- Individual solutions
- Calculations
- Modelling
- Material testing
- Material development
- Project consulting
- Installation work
- Technical acceptance of installation work
- Training
- Documentation



Sylomer O25

fs [Hz]	k [dB]	l [%]
12.5	6.1	-101
16	12.0	-299
20	7.5	-137
25	-0.9	9
31.5	-7.0	56
40	-12.2	75
50	-16.5	85
63	-20.6	91
80	-24.5	94
100	-28.0	96
125	-31.3	97
250	-40.8	99



Full scale test facility



Servo hydraulic test facility



Thermal analysis

- More than 11,500,000 m² of sub-ballast mats for all speeds, axle loads, geobases, tunnels, bridges, viaducts, stations, tracks,... have been installed to date.
- More than 7,000,000 rail packings and base plate packings installed.
- More than 5,000 Mass - Spring - Systems worldwide.
- Products certified by independent testing organizations (Technical University of Munich, Müller BBM GmbH, Construction Technology Laboratories in Chicago, EMPA Zurich, etc.)
- Certified supplier to most railway companies worldwide (such as DB, SNCF, GIF, ÖBB, SBB, SJ, Japan Railways, British Rail System, etc.)



Thank you for your attention!

Nikolaus Schemer – Project Management

nikolaus.schemer@getzner.com