PRESS RELEASE

#### XX/XX/2018

#### Spectacular views and guaranteed peace and quiet in the Elbphilharmonie High-tech sound control from Getzner used to acoustically decouple a penthouse apartment

**Buers (Austria), Hamburg (Germany): Above the rooftops of Hamburg sits 200 square metres of probably the most spectacular, and most expensive, penthouse apartment in Germany. The internal structure was divided into 1,000 individual parts and reassembled directly beneath the distinctively contoured roof of the Elbphilharmonie. Getzner Werkstoffe used high-tech elastic bearings to create the ideal sound control solution for excellent living conditions.**

Located 110 metres above the banks of the Elbe, the panoramic views from the apartment are breath-taking. The interior is reminiscent of the German Expressionist movement of the 1920s. The developer specified that there should be no edges or corners. There were also logistical issues to consider, as the building materials could only be delivered using a passenger lift. Brückner Architekten and the developer Schotten & Hansen, a specialist in high-quality interior and system construction, decided to go out on a wing with this project and developed a digital planning and production process. Getzner acoustically isolated the internal structure and the skeleton structure from each other in order to prevent unwanted noise.  
  
The internal structure raised several challenges that were resolved using acoustic solutions from Getzner. "There are challenging acoustic requirements for every single element in the Elbphilharmonie. For the internal structure of the apartment as planned, [acoustic decoupling](https://www.getzner.com/en/applications/construction/building-acoustics) capable of responding to different load requirements had to be installed in the transitional areas between the internal structure and the skeleton structure. The Getzner product range allowed us to fulfil a wide range of demands using the best quality solutions," explains Laurent Brückner, Chief Executive Officer of Brückner Architekten GmbH. The sound control solutions from Getzner have already proven themselves in the 5-star hotel in the Elbphilharmonie, "The Westin Hamburg", where 150 prefabricated bathrooms were resiliently bedded on the [material Sylomer®](https://www.getzner.com/en/products/sylomer). Bedding the pipes of sanitary facilities using materials from Getzner creates a long-term sound control solution and thus increases the comfort of living and working environments.

**Fact box: Luxury Penthouse in the Elbphilharmonie, Hamburg**

Completion: Mid-2018

Size: Over 200 m2

Location: 110 metres above the banks of the Elbe

Individual parts: 1,000

Vibration protection: [Getzner Werkstoffe GmbH](https://getzner.us12.list-manage.com/track/click?u=60033daf23390e98ffe10986c&id=a69d26c113&e=4cf6728b92)

Architect: [Brückner Architekten GmbH](https://getzner.us12.list-manage.com/track/click?u=60033daf23390e98ffe10986c&id=dc8d335071&e=4cf6728b92)

Internal structure: [Schotten & Hansen GmbH](https://getzner.us12.list-manage.com/track/click?u=60033daf23390e98ffe10986c&id=ca9479fdeb&e=4cf6728b92)

Acoustic consultancy:  [HOCHTIEF Infrastructure GmbH](https://getzner.us12.list-manage.com/track/click?u=60033daf23390e98ffe10986c&id=f185619599&e=4cf6728b92)

[Beratungsbüro für Bau- und Raumakustik GmbH](https://getzner.us12.list-manage.com/track/click?u=60033daf23390e98ffe10986c&id=6703bf4843&e=4cf6728b92)

**Tweet suggestion:** A peaceful penthouse in Hamburg's @elbphilharmonie? Not a problem, thanks to our vibration protection #Getzner #vibrationprotection

**Image 1:** Getzner-Elbphilharmonie

**Image caption 1**: Our sound control solution creates a harmonious coexistence between the philharmonic hall and the penthouse

**Image source 1:** ©Thies Rätzke / Brückner Architekten GmbH, may be published free of charge **Image 2:** 180307\_getzner\_4 **Image caption 2**: The transitional areas between the internal structure and the skeleton structure are acoustically decoupled, the materials respond to different load requirements. **Image source 2:** © Brückner Architekten GmbH, may be published free of charge

**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 rail, construction and industry sectors to reduce vibrations and noise, improve the service life of bedded components and 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 tightly-knit 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 the quality of living and working conditions.



**In 2018, Getzner, Mutter & Cie., Getzner Werkstoffe and Getzner Textil will celebrate 200 years of existence.**

**Facts and figures – Getzner Werkstoffe GmbH**

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

Chief Executive Officer: Juergen Rainalter

Employees: 420 (290 in Buers)

2017 turnover: 95.2 million euros

Business areas: Rail, construction, industry

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

Ratio of exports: 94 percent

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