

Sound and Vibration Protection for Vienna's Musikverein Concert Hall



- » Protection against noise and vibration immissions in Vienna's Musikverein building due to the underground railway service
- » Elastic bearing of a mass-spring system using Sylodyn®
- » Unchanged high performance after 17 years of operation and a load of around 450 million metric tonnes

Facts and figures

Operating company:	WIENER LINIEN GmbH & Co KG
Implemented:	2002
Scope of the order:	192 bearings along a length of 100 m (lateral and longitudinal clearance of 2 m)
Solution:	Mass-spring system, Sylodyn® NE, dimensions 430 x 370 x 100 mm, natural frequency 5.5 Hz
Load:	450 million metric tonnes in 17 years of operation (as of 2019)
Getzner Project Manager:	Markus Heim
Project support:	Steinhauser Consulting Engineers ZT GmbH, Vienna

Get more information:

www.getzner.com/musikverein



» „The one-of-a-kind ‚Goldener Saal‘ demanded particularly careful planning, component selection and implementation to satisfy the Musikverein's extremely stringent immission protection requirements.“

Dr. Andreas Oberhauser
Superstructure | Head of Department
WIENER LINIEN GmbH & Co KG

