



UNIVERSITY OF MUSIC "CARL-MARIA V. WEBER", DRESDEN, GERMANY

PROJECT SUMMARY. The formerly various locations of the Dresden University of Music now are combined in one new building on Wettiner Platz. This building complex is divided into two different sections: the rear part houses 36 group and individual rehearsal rooms, an 800 m³ rehearsal room including scenery, a dance and exercise room as well as a library. The large rehearsal and concert hall seating 450 - clearly visible as a solitary part of the building - forms the center of the new university complex.

FOCUS OF CONSULTING SERVICES. In the approx. 6,000 m³ large concert hall, the audience in the stalls area and on the vineyard-shaped balconies is arranged around the centrally located orchestra podium. The hall's geometry as well as the audience arrangement was optimized by means of room acoustical simulations in a 3D model. The hall, shaped as a modified rectangle, does not have any parallel walls or ceilings. By means of sound-absorbing acoustic banners on the walls, the acoustics can be adjusted to the respective kind of usage, i.e. rehearsal or concert, symphony or chamber music.

In the building acoustics planning, it was of utmost importance to include the highest possible level of sound insulation between the music rehearsal rooms as well as between the concert hall and the adjacent areas. This way, it is possible to use rooms simultaneously without any acoustical disturbance.



CLIENT

Staatsbetrieb Sächsisches Immobilien- und Baumanagement, Dresden

ARCHITECT

hammeskrause architekten, Stuttgart

PROJECT DATA

Planning and construction period	2004 - 2008
Gross floor area / gross volume	4,750 m ² / 25,600 m ³
Cost of construction	12.3 million euros

SERVICES RENDERED

Room acoustics, building acoustics, protection against external noise, sound insulation, thermal building physics
 Planning, consulting, computer simulations, measurements in reverberation chamber, site supervision, final acceptance testing, support during inauguration phase

- 1 External view
 - 2 Concert hall view from auditorium
 - 3 Rehearsal rooms
 - 4 Detail of wall cladding
- Pictures: 1-2 Luc Saalfeld, 3-4 Müller-BBM