

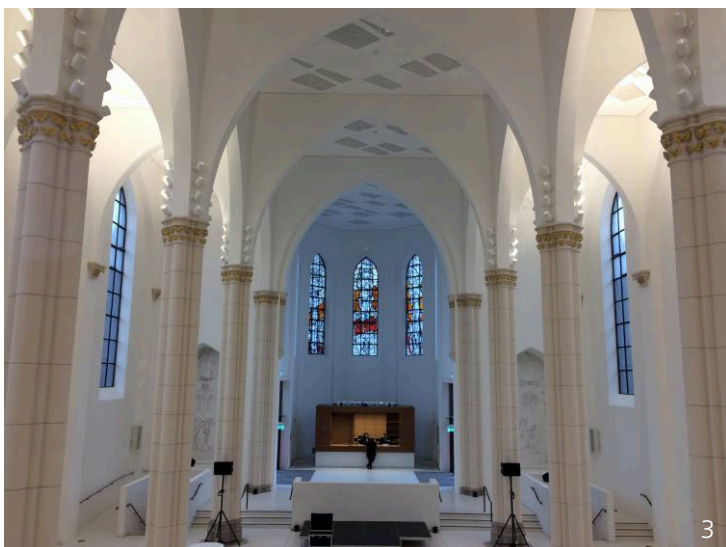


## ANNELIESE BROST MUSIKFORUM RUHR, BOCHUM, GERMANY

**PROJECT SUMMARY.** Almost 100 years after its formation, the Bochum Symphony Orchestra finally received its own venue end of 2016: the new Musikforum. Moreover, the building complex also provides new space for creativity for the Bochum Music School and for independent groups of artists.

**FOCUS OF CONSULTING SERVICES.** In order to meet the required very high acoustic standard for the large hall, the geometry and materials including the seating were optimized in close collaboration with all planning parties involved. One part of the acoustically indispensable volume for large symphony orchestras is located in the area of the roof structure above the acoustically transparent ceiling. Due to the building's design with a foyer surrounding the auditorium, no costly structural measures had to be taken for protecting it against the intense external noise.

In the former church, the acoustically effective ceiling ensures that there are no disturbing noise levels during foyer usage and that it can also be used quite flexibly as a performance venue. Thanks to its acoustically optimized wall claddings and the variable acoustics, the small rectangular hall, too, has proven ideal for various types of events including chamber music concerts.



### CLIENT

City of Bochum

### ARCHITECT

Bez + Kock Architekten, Stuttgart

### PROJECT DATA

Planning and construction period	2012 - 2016
Gross floor area / gross volume	7,900 m <sup>2</sup> / 14,000 m <sup>3</sup>
Cost of construction	approx. 38 million euros

### SERVICES RENDERED

Room acoustics, building acoustics, thermal building physics, sound insulation, audio/video technology  
 Planning, consulting, measurements, simulations, site supervision

1 Exterior view  
 2 Exterior view  
 3 Marienkirche foyer  
 4 Concert hall

Pictures: 1+3 Müller-BBM; 2 © Bez+Kock Architekten; 4 Brigida González