



NEW EMBASSY OF THE REPUBLIC OF SINGAPORE, BERLIN, GERMANY

PROJECT SUMMARY. The consulate and embassy of the Republic of Singapore moved into a newly erected building in the so-called "embassy district" in close vicinity to Potsdamer Platz.

The new building houses a multi-purpose event hall on the ground floor and mostly offices as well as meeting rooms on the upper floors. An atrium hall with extensive glazing on the southern facade is located right at the center of the building and is five floors high.

FOCUS OF CONSULTING SERVICES. In addition to the high security requirements typical for an embassy, the consulting in terms of building physics focused on achieving a very high structural sound insulation for all noise-sensitive areas and rooms.

For determining how the very strict Asian requirements concerning thermal comfort in the building in summertime could be met, building climatology evaluations and thermal building simulations were carried out. Thus, the architect's goal of realizing a facade with a maximum of transparency was achieved by creating an optimized solar shading of the glazing by means of the building's structure in combination with individually designed measures; this way, it was possible to avoid an exterior shading system as much as possible.

Since the 18 m high, open atrium hall shall be used for events like receptions and presentations and also as a foyer for the multi-purpose hall, a number of specific sound-absorbing measures were installed.



CLIENT

Ministry of Foreign Affairs, Singapore

ARCHITECT

Braun & Schlockermann Architekten, Berlin

PROJECT DATA

Planning and construction period	2008 - 2011
Gross floor area	3,600 m ²
Cost of construction	7.7 million euros

SERVICES RENDERED

Room acoustics, building acoustics, building climatology, fire protection, facade engineering, sound insulation
 Planning, simulations, consulting, facade design / design facade details

- 1 Facade facing the street
 - 2 Embassy gate
 - 3 Coat of arms of the Republic of Singapore
 - 4 Facade facing the garden
- Pictures: bsp - Architekten