

Bikini House, Berlin



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South west view of window façades protected as a historic site



West staircase to Bikini garden with view of the north façade

“Beauty is diversity”

The Bikini House is located between highly frequented Breitscheidplatz, (a public square) Taubentzenstrasse and the green heart of Berlin, Tiergarten with its zoological garden. Bikini Berlin is the rehabilitation of a 60 year old dream.

Dobler Metallbau performed the metal construction work in the complex consisting of 4 buildings (construction units B, C, D and E).

This included not only window façades protected as a historic site, element façades, stick system, panelling, parapets, railing and doors but also the display cases for the completely restored premier cinema „Zoo-Palast“ and the highly sophisticated sliding door system for the „Monkey-Bar“ and the restaurant „Neni“ on the attic floor of the hotel „25 hours“. There the Dobler pop-in window (HSF) was installed with up to 9 vents per system and a vent weight greater than 250 kg.

Client/Employer:

Bayerische Hausbau Immobilien GmbH & Co KG

Planning Architect/Site Supervision:

Studio Arne Quinze, 113 Walle; Kortijk (conceptual design)
Hild und K Architekten, Munich, Berlin (execution)
BIP - Beratende Ingenieure für das Bauwesen VBI GmbH, Munich (site supervision)

Façade Consultant:

a.t.f - architektur technik fassade, Frankfurt am Main

Installation Time:

22 months

Extent of Work:

Design, production, delivery and installation of the façade types and constructions mentioned below. Plus 200 doors, rolling grille doors, rain screen cladding, ventilation discs, railing and display cases.

Façade Area & Quantity:

3,700 m² unitised façade
3,300 m² window elements, partially round
5,400 m² stick system, partially curved
600 m² steel glass roof, including smoke vents
2,200 m² interior façade (mall)

Glass:

Glass build up (as an example for the unitised façade of Plot D/ hotel): Triple thermal insulating glass, floor level, impact proof, consisting of 10 mm laminated float 55.2 / 14 mm cavity filled with inert gas / 6 mm float / 14 mm cavity filled with inert gas / 8 mm laminated float 44.2

L_T -value: ≥ 68 %

Solarfactor (g-value): ≤ 45 %

U_g -value: ≤ 0,6 W/(m²K)

Sound reduction value: ≥ 39 dB (A)

Surfaces:

(as an example for sub-areas):

Polyester powder coating (PPC) or wet coating Duraflon Premium

Light grey (RAL 7035) Grey aluminium (RAL 9006) Pure white (RAL 9010) Traffic black (RAL 9017)

Anodised, E6 / EV3 (gold); E6 / C35 (black)

Façade Handover:

According to building section; October 2013 to April 2014