

Oval Hamburg



Location

Am Kaiserkai 10, Hamburg, Germany

Built

Construction period: 2006–2009 GFA 5.450 m²

This eleven-storey residential tower, called the “Oval” is situated on the northern bank of the Kaiserkai in Hamburg’s new “HafenCity” district. The exposed location of the building offers its residents a spectacular view of downtown Hamburg, the Speicherstadt, the Elbe river and the harbour. The tower is elliptical in plan and has a ground floor raised five metres above street level on detailed, exposed concrete columns, which are oval in cross section. Following an analysis of the site-specific wind, sound and view conditions, the oval building form was selected. The wave form of the façade and the balconies results from considerations of views, wind and sun altitudes. All 27 units have balconies facing the water; the façades are made of glass and perforated panels. Each floor provides up to three apartments with sizes varying between 60 and 125 sq m. The west façade for the living rooms is open and made of glass, while the east-facing bedrooms have closed façades. The additive façade design makes later recycling easier. Because the floor plate is so slender, daylight penetrates deep into the building from all sides. This, together with the solar collectors, keeps energy consumption down. The contrast between industrial structures, the historical brick warehouses of the Speicherstadt and modern buildings around the water is enhanced. The “Oval” looms above Kaiserkai and terminates a view corridor from downtown Hamburg to the new district. Like a beacon, the 40 m tall building towers above its lower neighbours. At the same time, it marks the central “Vasco da Gama” Plaza at its foot. A grand staircase leads down to the landing stages of the marina of the “museum harbour” where historical boats and

ships are on display.

Awards, Nominations

2010

BDA Preis Hamburg 2010, 2nd prize

2009

BEX – The Building Exchange Awards 2009

2008

AIV Hamburg, Building of the Year 2008

Team

Client

GbR d.quai c/o imetas property services GmbH, Hamburg

General Planning

ingenhoven architects, Düsseldorf

Team ingenhoven architects, Düsseldorf

Christoph Ingenhoven, Barbara Bruder, Maja Heitkemper, Stephan Kohlrausch, Richard Czardybon, Nicole Mikolaytzak, Gunnar Möller, Peter Pistorius, Martin Reuter, Tom Wendlinger, Dieter Wieberneit, Lorena Büdel

Structural Engineering

Wetzel & von Seht, Hamburg

Facade Consultant

Gödde Architekt, Neuss

Building Services

Pinck Ingenieure Consulting GmbH, Hamburg

Soils Investigation

IGB Ingenieurgesellschaft MBH, Hamburg

Surveying

Hanack & Partner, Hamburg

Building Services

DS-Plan Mülheim a.d.Ruhr

Fire Protection

IBF Ingenieurbüro für Brandschutz an Fassaden, Leipzig

Wind Investigation

Institut für Industrieaerodynamik IFI, Aachen

Lighting Artificial

Tropp Lighting Design, Weilheim

Landscape Architecture

ingenhoven architects, Düsseldorf

Transportation Systems

Hundt

Project Management

Möser Projekt GbR, Düsseldorf