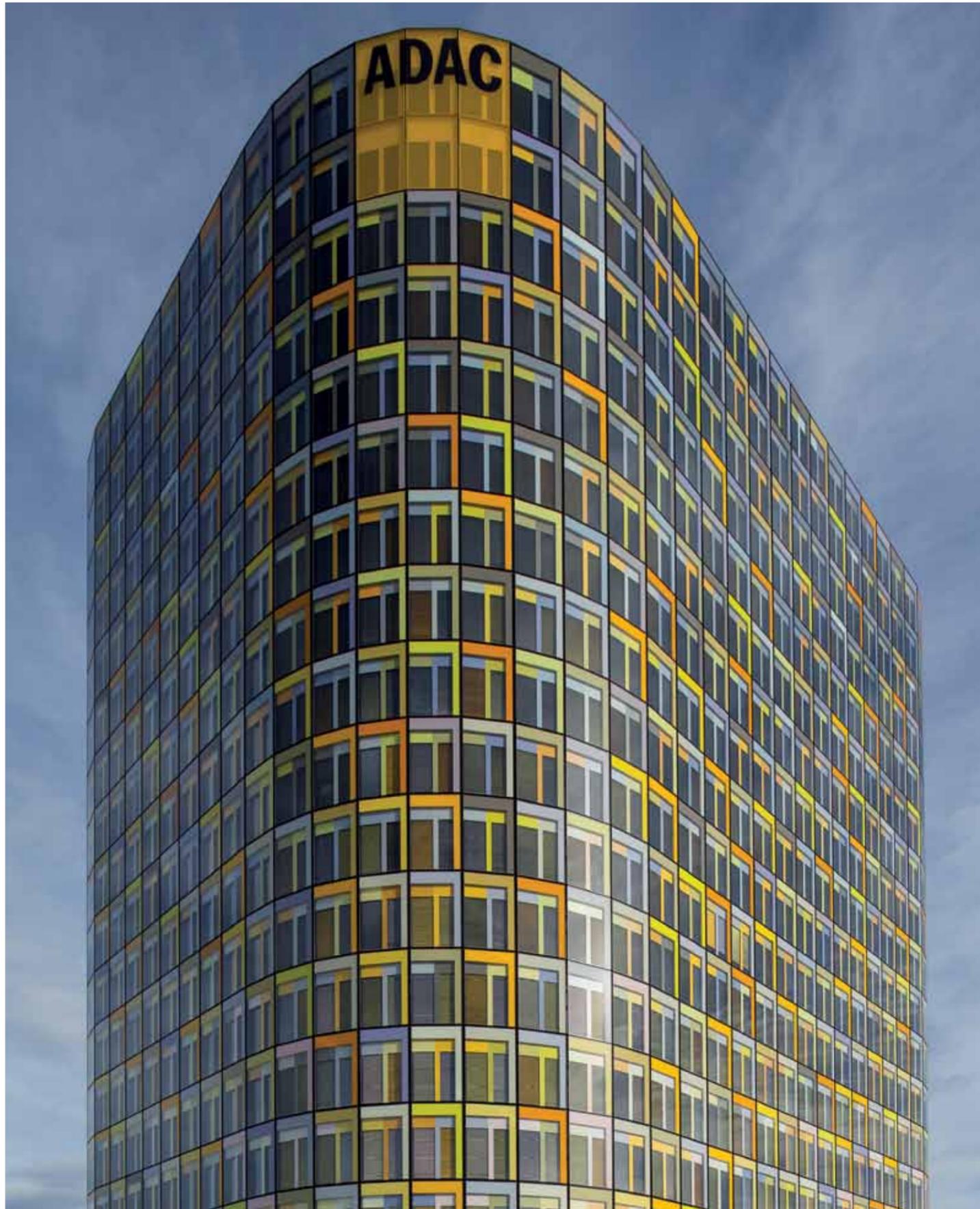




ADAC Headquarters, Munich/Germany



A new head office for the “Yellow Angel”



Object
ADAC Headquarters, Munich/Germany

Principal
ADAC Allgemeiner Deutscher Automobil-
Club, Munich/Germany

Architects
Sauerbruch Hutton, Berlin/Germany

Completion
2011/2012

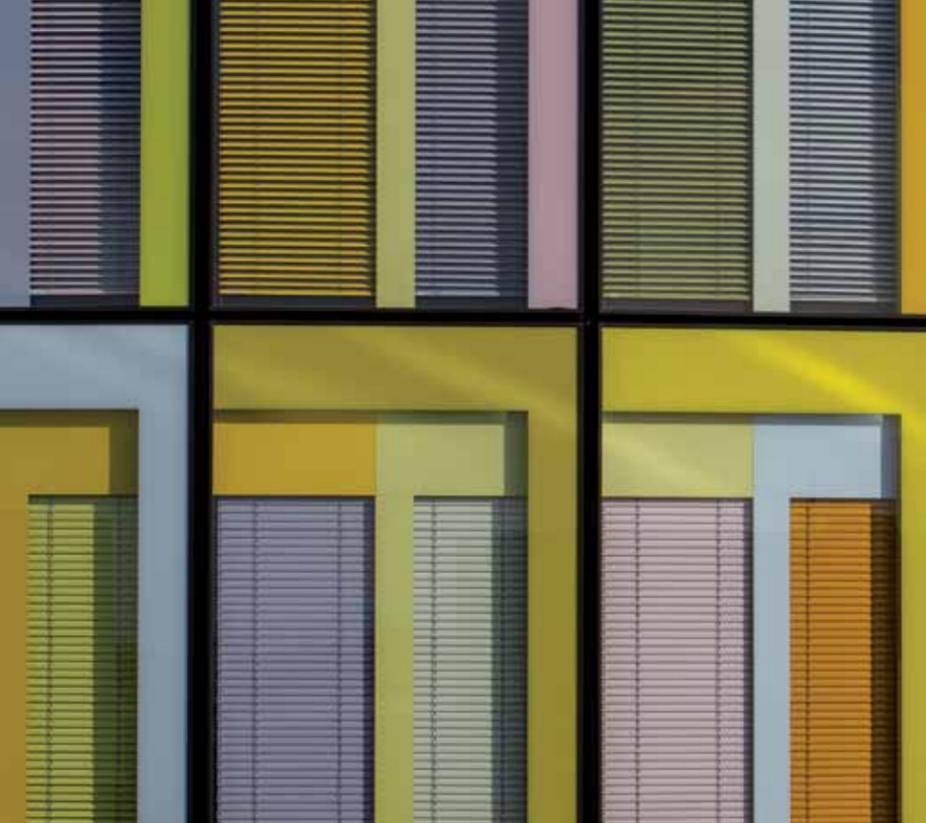


The Munich skyline has gained a prominent addition in the western part of the city with the new ADAC building, whose tower rises 93 meters above its star-shaped base. The outer facade, adorned with a mosaic of 22 colour tones, makes the new headquarters of Europe’s largest automobile club instantly recognisable even from a distance. Colour-matched venetian blind facade systems from WAREMA enhance the visual impact and provide optimal sun and glare control on the inside.

The ADAC automobile club offers more than 18 million members a variety of services pertaining to cars and tourism. On the occasion of its 100th anniversary in 2003, the club decided to plan a new headquarters in Munich with a conference centre, company restaurant and print shop. The building would gather under a single roof the 2,400 employees who until then had been scattered across seven different locations. This called for a modern office building, one that would

offer future-oriented workplaces and embody the unmistakable brand image of ADAC.

The competition held in 2004 was won hands down by the renowned architectural firm Sauerbruch Hutton of Berlin – with the design of a carefully detailed, flexible and visually exceptional building complex.



Architecture

The structure, developed by Matthias Sauerbruch and Louisa Hutton, works perfectly with the urban configuration on-site: the property in the Sendling-Westpark district is framed in the northeast by the railway line and in the southwest by the rather heterogeneous HansasträÙe. Consequently, the architects positioned a five-storey base building on the HansasträÙe that picks up the height of the adjacent buildings and responds to its surroundings with an irregular star-like shape. In addition, it maintains a respectful distance to the historic villa on the property, the Sander House of 1910, which today serves as the “Club House”. Rising up over the relatively low five-storey base building is the widely visible, triangular office tower with its rounded corners. The

architects placed it directly adjacent to the railway to avoid throwing a shadow on neighbouring buildings. The tower’s 18 storeys and 93 meters remain under the 100-m mark that limits the construction of new high-rises in Munich. It extends eight metres beyond the base on the railway side, making the two parts of the structure look somewhat akin to stacked building blocks. The edifice is entered through a glass-roofed foyer in the centre of the base. From here, employees have access to their open-plan offices and cellular offices in the high-rise and all areas of the flat building, which houses a conference and training centre, the cafeteria, the kitchen and the ADAC print shop.

Facade design

The sophisticated architecture of the building is not only apparent in the playfully elegant external shape, but also in the special facade design of the office tower. Sauerbruch Hutton used the ADAC logo as the source for the colour palette of yellow and orange tones. This play in colours lends the otherwise uniformly structured glass envelope of the tower a varied and interesting appearance. The resulting iridescent mosaic of 22 colour tones is an eye-catcher that transports the ADAC image toward its surroundings. In contrast, the base building with its long window bands and grey plastered areas recedes into the background, giving the tower that much more prominence.

Modern workplaces

A total of 130,000 square metres of gross floor space are available to the teams of the various divisions. The offices are light-flooded and open. To ensure that the ADAC headquarters can readily adapt to the changing working world, the mobile office principle was adopted: each employee has a mobile file cabinet in which they store their documents and office supplies. In this way, each can flexibly work anywhere within their area. In addition, there are team zones for joint projects within the departments as well as quiet retreats. Both the contractor and the architects attached great importance to plentiful daylight and fresh air in the interior – while still achieving effective heat and sun protection – to offer employees a pleasant working environment. The planners designed an

element facade that is structured like a casement window. The outside features single glazing with a screen-printed colour coating. It keeps out the wind load while still allowing air to flow into the interspace. From there, the air can enter the offices through a manually operated opening flap. The inside of the “casement window” consists of insulated glazing. The sun shading system is installed in the facade interspace, where it is protected from wind and weather. It consists of WAREMA venetian blind facade systems with flat slats that reliably shield the interior against excessive sunlight.

Sun and glare control

An effective sun shading system is essential for a comfortable and pleasant working environment. It keeps the heat out, prevents unpleasant glare and directs diffuse natural daylight into the interior of the room. In addition, the sun shading system adds to the aesthetics of the facade. The ADAC building architects therefore decided on the venetian blind facade system from WAREMA. Its flat slats reflect a large portion of the sun’s radiation, making it possible to use this system to regulate the office climate; through their stepless adjustment, the slats allow just as much light into the rooms as needed. Their narrow profiles permit a good view to the outside so that employees can fully experience the impressive Munich panorama. When closed, the variability of the slat



adjustment allows the rooms to be darkened almost entirely, which is essential for video and projector presentations.

A total of 5,300 motorized units were installed in the new building on the Hansastrasse. To integrate the blinds into the facade design, their colour tones were matched precisely to those of the glass facade. Thus, the WAREMA products were created in 22 special colours selected specifically for this project. On account of their colour and location in the facade interspace, the blinds enhance the striking facade appearance and lend the building envelope extra depth. When raised, the WAREMA external venetian blinds have a favourably low slat stack height. In addition, their excellent sun shading qualities make the external venetian blinds an important component of the energy strategy of the ADAC headquarters. Because

they are mounted in front of the insulated glazing, they stop over 90% of the sun's radiation from entering the building when closed and thus prevent the rooms behind them from heating up excessively. This also considerably reduces the use and power consumption of air conditioning systems.

With the new ADAC building, Munich has gained a highlight in its urban landscape and a new landmark. In addition, ADAC employees enjoy an ultra-modern working environment in a pleasant atmosphere, and passersby can take pleasure in the unique play of colour in the facade over the course of the day.

Sun shading system

5,300 venetian blind facade systems
E 50 AF and E 60 AF with flat slats and motor drive
22 special colours

- Effective sun and glare control
- Good daylight control
- Increased comfort at the workplace
- Optimised energy costs due to a reduction in cooling requirements and artificial light sources

For more information, please visit www.warema.com

"The new ADAC headquarters was designed to meet three basic requirements: the need to make the most of the urban configuration found at the property, the vision to provide a sustainable, economical and clear office structure – and the desire to create a building that naturally expresses the values and identity of ADAC."



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Louisa Hutton and Matthias Sauerbruch, Sauerbruch Hutton, Berlin /Germany



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