



# Projectdocumentation No. 34





MunichRe,  
Munich  
Architecture:  
Sauerbruch Hutton

System  
Kubus I  
2000

Client: Münchener Rückversicherungs-Gesellschaft  
Aktiengesellschaft in Munich

Photography: Karl Huber Photography, Stuttgart

Volume: Room-in-room System Kubus I: 70 units

Partition wall systems 2000: 1700 square meters and 130 doors

## Flexible Working spaces

Architects Sauerbruch Hutton envisioned the opening up of the 80s-era administrative building to the outside with an innovative and colourful facade, and better integration of the building into its urban environment. The primary focus was on optimizing the building's energy balance as well as making spatial and ecological improvements to the offices. The office concept combines a variety of office designs, such as combined, open space and conference areas.

This concept was implemented using solid and glass elements from the partition wall System 2000 and the single-glazed "room-in-room" System Kubus I. More than 70 pods are harmoniously integrated into the open office spaces thanks to their transparency, and their high sound insulation values and integrated sound-insulated ventilation unit guarantee a high level of comfort for employees.



The redesigned facade surprises the viewer with its colour shifts to red, green, blue and yellow, depending on their perspective. The curve of the facade along the building's footprint enhances this effect.

Open office structures with integrated "room-in-room" and partition wall systems complement each other to create a transparent yet efficient working environment.











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## Quiet pods

The fully glazed Kubus I emphasizes maximum transparency and openness. The toughened glass (TVG 16 mm) encloses the pod up to its ceiling, creating a spacious and elegant impression. The delicately designed horizontal glazing sections optically recede into the background. A self-contained sound-insulated ventilation unit handles air supply and circulation. With a standard sound level difference of  $D_{n,T,w} = 32$  dB (equivalent to  $R'_{w}$  of 37 dB), the room provides the sound insulation needed for confidential conversations. The combination of absorbent ceiling and wall absorbers which are effective on both sides creates optimum room acoustics for the relevant range of frequencies without annoying flutter echoes. Whether it is used as a think-tank or a meeting room, Kubus I enhances open-space concepts designed for freedom and transparency.



The cube is equipped with a self-supporting wall absorber. There is also the option of integrated audiovisual technology for presentations.

Double-shell solid and glass partitions with room-height aluminium framed doors in the atrium and corridors ensure enhanced sound insulation.



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