

Office Building MK3, Munich



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Atrium roof

A progressive urban working environment has been created in the heart of Parkstadt Schwabing. The entire building is a pioneer in terms of environmental protection and sustainability.

The special feature of the MK3 project is the architectural interplay of differently designed façade types.

Employer:

ARGENTA Internationale Anlagegesellschaft & Co.
represented by WBRE

Site Supervision:

WBRE Waterbound Real Estate GmbH

Planning Architect:

GSP Architekten, Munich

Façade Consultant:

FTR Beratende Ingenieure GmbH

Installation Time: 05/2022 - 12/2023

Scope of Work:

Design, production, delivery and installation of the façade types and constructions mentioned below.

Façade Area & Quantity:

16.250 m ²	unitised façade in various types
2.700 m ²	stick system
700 m ²	atrium roof - steel glass construction
4.300 m ²	plant housing with aluminium louvres
1.575 Stk	vertikal natural pilaster cladding (prefabricated units)

Glass:

Glass build up: triple glazed sun insulation glass: laminated float (strengthened)/toughened/laminated float (strengthened) with external sun blinds, Pilkington Suncool 70/40

L_T -value: $\geq 63 \%$

Solarfactor (g-value): $\leq 34 \%$

U_g -value: $\leq 0,6 \text{ W}/(\text{m}^2\text{K})$

Sound reduction value: $\geq 39\text{-}45 \text{ dB}$

without external sun blinds, SGG Cool Lite XTREME 50/22

L_T -value: $\geq 41 \%$

Solarfactor (g-value): $\leq 18 \%$

U_g -value: $\leq 0,6 \text{ W}/(\text{m}^2\text{K})$

Sound reduction value: $\geq 39\text{-}45 \text{ dB}$

Surfaces: Eloxal E6/C34 dark bronze

Façade Handover: September 2024

Certification:

LEED (Leadership in Energy and Environmental Design)

Platinum