

Prime Tower, Zurich



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Total view

In the area of the former Maag-Zahnradfabrik in the middle of Zurich arises a total new district with hundreds of accommodations, offices, shops and parks. One of the first building is the Prime Tower, with a height of 126 m, during the construction time the highest building of Switzerland.

Dobler Metallbau did once again proof his technical know how with the total U-value of the façade of 0.85 W/(m²K) and a weight of the vents (parallel outward opening window) with automatic drive up to 400 kg.

Employer/Site Supervision:

Arge Prime Tower AG, consisting of
Losing Construction AG + Karl Steiner AG

Planning Architect: Gigon/Guyer Architects, Zurich

Façade Consultant: Emmer Pfenninger Partner AG

Installation Time: 18 months

Extent of Work:

Design, production, delivery and installation of the façade types and constructions of unitised façade including sun blinds, doors and metal sheet cladding.

Façade Area & Quantity:

18,000 m² unitised façade (SSG)
1,700 m² other façade
1,000 m² entrance façade, doors, roof constructions

Glass:

Glass build up:

8 + 6 strengthened glass laminated / 16 cavity / 6 toughened /
16 cavity / 8 toughened

L_T-value: ≥ 40 %

Solarfactor (g-value): ≤ 21 %

U_g-value: ≤ 0,5 W/(m²K)

Sound reduction value: ≥ 44 dB

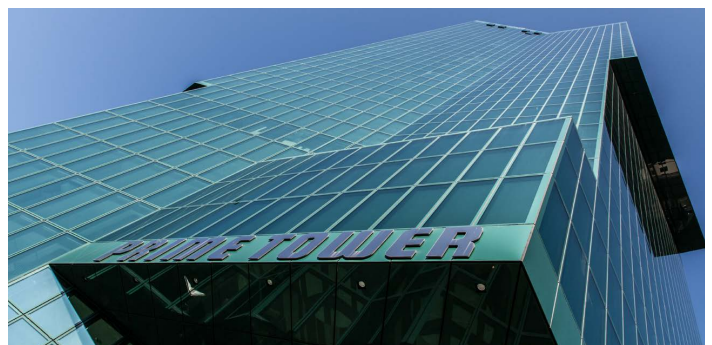
Surfaces:

Powder coating, colour NCS S 7500-N with parts of mica

Façade Handover: January 2011

Certification:

LEED 2009 Core & Shell Gold



View from the entrance area upwards