

# 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/(m<sup>2</sup>K) 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 m<sup>2</sup> unitised façade (SSG)  
1,700 m<sup>2</sup> other façade  
1,000 m<sup>2</sup> entrance façade, doors, roof constructions

## **Glass:**

Glass build up:

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

L<sub>T</sub> -value: ≥ 40 %

Solarfactor (g -value): ≤ 21 %

U<sub>g</sub> -value: ≤ 0,5 W/(m<sup>2</sup>K)

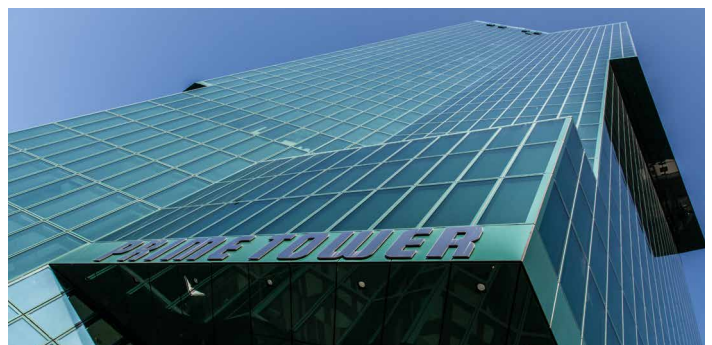
Sound reduction value: ≥ 44 dB

## **Surfaces:**

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

## **Façade Handover:**

January 2011



*View from the entrance area upwards*