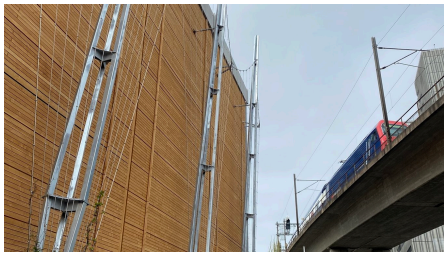
EWZ Werkhof Herdern









SHORT DESCRIPTION

The façade of the new Werkhof Herdern building consists of over 2,500 m^2 of untreated, local Douglas fir wood with special profiles, which were developed for the project in close collaboration with the architect and the supplier.

THE PROJECT

The dimensions of the total of 267 elements are approx. 1.1 x 10 meters. We also installed and insulated the 200 mm aluminum substructure on the solid construction. The insulation layer was fully covered with RF1 wind foil and vertical 40 mm wooden battens were mounted on the horizontally mounted aluminum profiles as a rear ventilation level and support battens for the elements.

CHALLENGES

The building was erected between two railroad bridges. The distances at the narrowest points were only approx. 6 m from the corner of the building to the high-voltage line. This required special concepts and measures for intrinsic safety and the passage of trains.

SUSTAINABILITY

The wood comes from sustainable forestry, mostly from Zurich forests.

FACTS

Location	Pfingstweidstrasse 85, Zürich , Switzerland
Status	completed
Construction volume (value of our services)	1 M CHF
Start of construction	August 2022
Completion	May 2023
Building owner	Elektrizitätswerk der Stadt Zürich, Tramstrasse 35, CH-8050 Zürich
Architect	Meili, Peter & Partner Architekten AG, Gartenhofstrasse 15, CH-8004 Zürich
Planning	HSSP AG, Affolternstrasse 56, CH-8050 Zürich
Civil engineer	B3 Kolb AG, Katharina-Sulzer-Platz 4, CH-8400 Winterthur
Timber construction	Fassadefläche 2’600 m^2

SERVICES

Modular construction