



A Tata Steel Enterprise

Case Study

AGVS/UPSA training centre, Yverdon, Switzerland

Products:

3'950 m² MONTAFORM® Design Individual, IGP Silk Grey [↗](#)

740 m² MONTANATHERM® MTW V 160/1000, Champagner Grey II [↗](#)

Client:

Ray SA, 1762 Givisiez

Architect:

Andres et Ferrari Architectes SA, 1090 La Croix

Construction time:

2023

For the skilled workers of tomorrow

High-quality façade adorns new AGVS/UPSA training centre

A new training centre for professions in the automotive industry has been built in the “Y-Parc” science and technology park in Yverdon-les-Bains. On an 8'000 square metre site, it offers space for around 1'500 apprentices, who now benefit from state-of-the-art classrooms and workshops. This modernity is also reflected in the façade of the new building: MONTAFORM® Design Individual profiles, which visually enhance the object, as well as large-area MONTANATHERM® sandwich panels were used here.

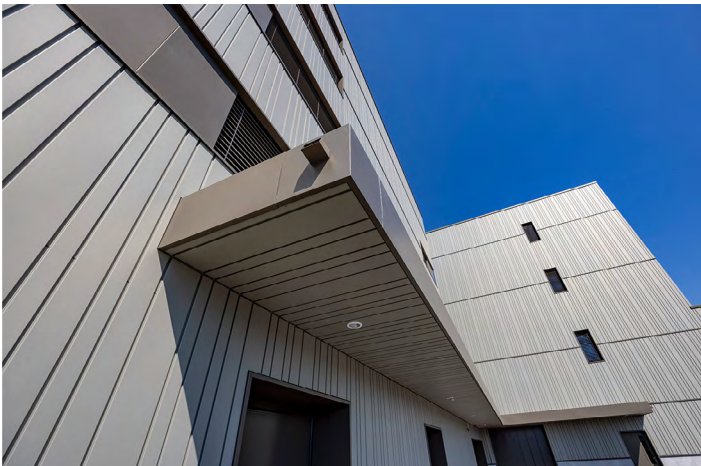


The foundation stone was laid in August 2021, and it was already completed in June 2022: The new training centre of the Auto Gewerbe Verband Schweiz (AGVS) in Yverdon-les-Bains. Well connected in terms of infrastructure - motorway, railway station and city centre are nearby - it offers modern premises for currently more than 1,500 apprentices who are completing their training in the automotive sector. The declared aim of the new centre is to strengthen cooperation between mechanics and industry.

Modern inside and out

The rectangular new building with an inner courtyard is supported by more than 150 deep piles and comprises two buildings with different functions: On the one hand, the administration area on five floors with a total area of 4,000 square metres. The other is the U-shaped industrial area, consisting of numerous workshops and training rooms on an area of around 6,000 square metres. For the purpose of installing motorbike and car lifts, the ceiling height here is up to seven metres - there is even room for trucks in one area. A landscaped terrace and a covered parking area of about

700 square metres, which is used for mechanics lessons, complete the new training centre. But it is not only the inside of the complex that has a lot to offer: the building envelope also had to be modern and visually appealing. After all, it is important to reflect the industry positively to the outside world. This was achieved with the help of MONTAFORM® design profiles from Montana Bausysteme AG in Villmergen. Aluminium profiles in the colour IGP Silk Grey in the MF Design Individual 20-5/880 version were installed on more than 3,946 square metres. In combination with glass walls and columns in the entrance area over two



floors as well as parallel, partially offset rows of windows, they exude industrial charm. Meanwhile, the approximately 737 square metre façade in the inner courtyard was realised with steel sandwich panels in the MONTANATHERM® MTW V 160/1000 design in combination with MONTAFORM® Design Individuell profiles. Due to their low weight combined with high rigidity, the sandwich panels are easy to install and allow large spans - including the integrated high thermal insulation. Thus, the outer shell of the new education centre also stands for performance, aesthetics and high economic efficiency.

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