

## Poznań Główny railway station

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Construction of the new railway station Poznań Główny, Poland, was a first part of the complex project to create an integrated communication centre consisting of a bus station, a fast city tram station, one of the biggest railroad junctions in Poland and a large shopping and entertainment center.

The railway station is built with prefabricated reinforced concrete. A facade and roof are composed of a steel structure covered with glass and metal elements. The assembly of this unique roof structure weighing almost 300 tonnes had to be made with extreme precision – the workers suspended on special ropes were responsible for the installation of 1,600 glass and composite components to the steel frame.

Ruukki delivered sandwich panels SP2D160W with an interesting profile R250 and RAL 1015 color. The panels were installed on selected walls of the new building. In addition to the fulfillment of fire protection and thermal insulation requirements, Ruukki was in charge of developing details related to the longitudinal connection of sandwich panels on the facade with their vertical orientation in three different planes.

"Precisely produced prefabricates significantly shortened the construction time and enabled to comply with the extremely tight schedule. The railway station in Poznań is definitely the most modern building of this type in Poland." - Marek Tryzybowicz, partner and design manager, Bose International Planning and Architecture



