

Tikkurila Station Bridge



AIHIO ARKKITEHDIT

Project size: 2,800 m² (gross)
Client: Finnish Transport Agency
Location: Vantaa
Date: Design: 2011--2012
Construction: 2013--2014
Cost: ~7,000,000 €
Architect: Aihio Arkkitehdit Oy
Structural Engineer: A-Insinöörit Oy
Contractor: Kesälahden maansiirto Oy
Glazing Contractor: Normek Oy

The Tikkurila Station Bridge is located to the north side of the old railway station. It spans six existing rail lines, and provides elevator and stairway access to all of the station platforms. The west end of the bridge is connected to the DIXI business center.

The Station Bridge was built using a steel and glass frame, which forms an oval tube in cross-section. It contains about 200 m² of retail space. The design also addressed the problems of building over an active main railway line, maintenance issues for the glass roof, and protecting the rail lines and platforms from falling snow and ice. The use of bright colors brings the history of the nearby Tikkurila paint factory into the station environment, and is also visible to passing trains.

The project was designed in accordance with the Finnish Transport Agency's accessibility guidelines, and was also subject to EU NoBo verification.

