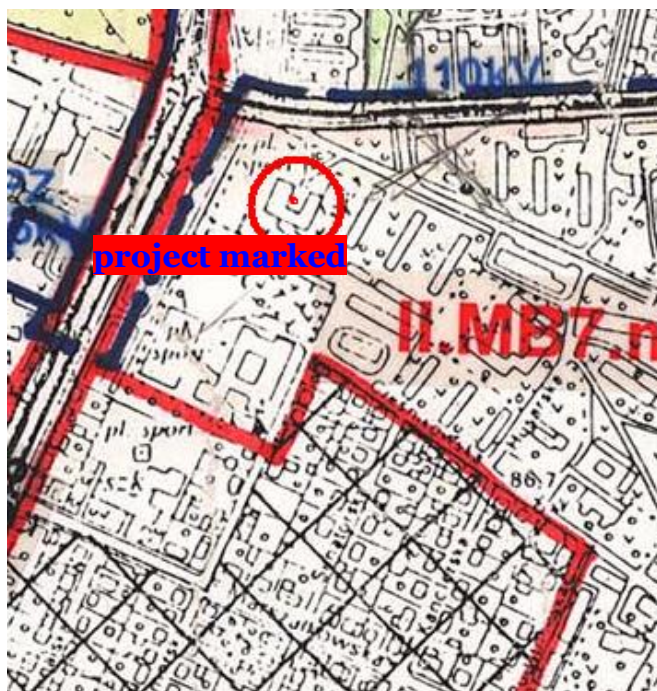


Poland



Regional Administrative Court in Poznań

Industrial brick building of button factory from the end of XIX century known as Metallenwarenfabrik S. Jablonski GmbH Posen. Today, the building is part of the Regional Administrative Court in Poznań. Underwent a comprehensive renovation in 2009, including thermo modernization.



Address: ul. Ratajczaka 10/ 12, Poznan, Poland

Building type: Industrial building - Factory

Architect: unknown

Year of construction: 1894

Owner: Owned by the Polish State, in permanent administration of the Regional Administrative Court in Poznań

Used as: Part of court complex

Number of floors: 3

Façade: Facing brick

Floor space: 400 m²

Heated area : 2000 m³

Cost of refurbishment : 19 mln PLN

Refurbishment

Date: 2009 - 2011
 Architect: FORMA Design
 Studio Architects

Material \ Materiały

Façade: Facing brick
 Roof: Ecological tar roof
 Windows : wooden

Shading system: unknown

Floor\ Ceiling: - concrete

Inner Walls: - bricks
 Cellar: - bricks

Foundation: -concrete

Building services

Heating system: district heating

Electricity: classic

Building automation: none

Solar system: -no

Water : -public service

Energy consumption \ zużycie energii

Before: 4200 GJ
 Calculated: 2300 GJ
 Measured: 2600 GJ

Energy saving: 39 %

Project Description

Two-wing building belonging to the Regional Administrative Court in Poznań consists of three floors. Its shape is rectangular shape. The building was built as the industry, but its appearance is not much different from masonry with face brick public buildings (eg schools, courts, post office) constructed in this period in the smaller towns of the Prussian state. Facades of these buildings were enriched detail referring to the Neo-Romanesque and neo-Gothic architecture. The building is protected by National Heritage status.

The building last underwent modernization in the 70's of the twentieth century For more than 10 years before the renovation was empty. He had an old heating, sanitary and electrical installations. A considerable part of the building has been exposed to moisture and lack of degradation of restoration actions. It was decided to use interial insulation with 6 cm thick Ytong plates .

Selection of appropriate methods of conservation work was preceded by a study of mortar and ceramic raw material defining the level and nature of its destruction. With the warming from the inside panels Ytong bricks key design objective has been achieved - the parameters of thermal insulation of the building belonging to the Regional Administrative Court in Poznań greatly improved, and the nineteenth-century facade is not affected.