

Stavebniny DEK Hradec Králové



Location

Hradec Králové

Investor

DEKTRADE a.s.

Construction period

05/2017 – 05/2017

Type of construction

Industrial

Scope of services

**Manufacture and
assembly of precast
concrete structure**

“ We redesigned the original proposal for the office part’s steel construction and replaced it with a solution using prefabricated reinforced concrete. ”

The Stavebniny DEK complex is a newly constructed building with a length of 79.2 × 74.3 m, which is composed of a hall at the ground level and an office part in the storied section.

The roof level for both parts is the same height, so there is a smooth transition between them. The building uses piles for its foundation. The basic load-bearing construction of the hall is composed of prefabricated columns, trusses, purlins, and perimeter beams. The office part is additionally supplemented with girders, prestressed ceiling panels, and a staircase. Prefabricated foundation support beams line the entire circumference of the building.