



Construction of the National Technical Library Prague 6 – Dejvice

INVESTOR

Státní technická knihovna, příspěvková organizace
Ministerstva Školství, mládeže a tělovýchovy
(National technical library, subsidized organisation
of the Ministry of Education, Youth and Physical
Education), Mariánské nám. 5, Prague 1

CLIENT

SEKYRA GROUP, a.s., Prague 8, Ke Štvanici 656/3

ARCHITECT

HELIKA, a.s., Prague 9 – Letňany, Beranových 65

CONSTRUCTION PERIOD 10/2006 – 12/2008

CONTRACT VALUE 1,400 mil. CZK



The monoblock of the National Technical Library consists of a prism on a floor plan of a rounded square with an area of 75m x 75m. It is designed so that the building has minimum heat losses and gains. Therefore it also has two wall linings – an external façade from profiled glass and an internal one with window sills and windows equipped with sun blinds. The heating and cooling is provided in additionally tensioned reinforced-concrete ceilings uniquely by tempering a concrete core with hot or cold water circulating through the BKT system.

The building has six aboveground floors (1st to 6th floors) and three underground floors (1st to 3rd basements) in which there is parking, books storage and technical facilities.

The 1st and 2nd floors have a public nature with supplementary features (café, lecture hall, exhibition space, bookshop, night study room).

On other floors there are primarily access to shelves with book collections, studies, classrooms and the library's administrative facilities.

The NTL building is founded on a foundation slab, which is thicker under bearing columns. The bearing structure of the aboveground floors is made of a reinforced concrete frame with a basic module 15m x 15m, with visible column heads and two-way post-tensioned floor slabs.

Building height 27.5m

Building circumference 263m

Built-up area 5,200m²

