

Fourth European School

Sint-Annawijk, Sint-Annadreef, Brussels - Laeken (BE)

Complete stability mission

Owner
Directorate of Buildings

Architects
4-à-4 (temporary partnership Co-
nix - Archi 2000 - Atelier du Sart
Tilman - Duijsens & Meyer Viol)

Cost of the works
€60 M excl. vat of which €2,4
M for the structure (Studied by
Bgroup) of renovated buildings
and €8,7 M (Studied by Bgroup)
for the new buildings

Studies
2009 - 2016
Execution
2010 - 2016

ST



Construction of a new European primary and secondary school (2,800 students).

The school is located on the site of a former army barracks. The complex comprises ten renovated and seven new buildings, together occupying a surface area of 70,000 m² (Volume : 250 000 m³).

The entire stability studies were shared on a building-by-building basis between Bgroup-Greisch and another Brussels-based company united in a temporary partnership.

Bgroup-Greisch was responsible for the full study of the main building, which comprises a large exposed-concrete framework, pre-stressed with post-tensioned steel, affording space for the school refectory and a play area. This 113 m by 24 m framework, with a height of 10 m, rests on 'randomly' placed pillars and is 12 m above the basement.

The underground area of this building includes three large areas that are set up as sport halls (of 310 m² each). To that end, the main structure has 14 m span widths.