FBA Gomyl

Laboratoire National de Santé

Dudelange, Luxembourg

fba-gomyl.com

FBA Gomyl

The new public building for health care

Non-penetrating rail track fixation for BMUs.

Architecture: Van den Valentyn Architektur

The premises of the National Health Laboratory originally located in Verlorenkost had become too small for the requirements of the mission of this institution. The new building is located on Dudelange. The urban plan provides the alignment of future constructions which will form islands with clearly defined boundaries along the feeder road. The first of these islands welcomes the construction of Phase 1 as well as future laboratories for Phase 2.

Scope

This government building Phase 2 required in its specification the highest possible safety standards which go beyond the EN standards. As the roof of the building was freely laid on structure, it was not possible to penetrate the roof at any point.

Strategy

Only FBA Gomyl in conjunction with Fallprotec had the technology to cope with these requirements, delivering a BMU, which moves on a freely laid rail track with adjustable rail supports. The rail track comprised a manual switch to guide the machine to its parking garage. It was necessary a lifeline system type DiaSafe, the freely laid lifeline of Fallprotec.

This Project is a typical example of an integrated engineering solution.

BMU Type FBA 1.

BMU Type FBA 1
A machine with an 8m outreach and equipped with a 400kg material hoist

Rail track for BMU
Approximately 150m freely laid rail tracks with manual switch and adjustable rail supports

Ladders type SafeLadder
Approximately 10m

Cable lifeline type DiaSafe-SecuRope
Approximately 30m

BMU's cradle with a 400kg material hoist.