Projekt-Information



Werl Prison

Upgrading the detention centre in accordance with fire protection certification (electrical installation and fire safety work)

Client: Bau- und Liegenschaftsbetrieb NRW Soest Branch



About Werl Prison:

Werl Prison is one of the largest prisons in Germany. The complex was taken into service in 1908 as "Royal Prussian Central Prison" and even today is classed as "high security" despite its age. During the Second World War, the grounds were expanded to the size they have today. The prison building is ranked as one of the official listed buildings in the Werl area.

In total there are 868 cells for inmates at Werl Prison. 628 of these are individual cells and 240 are common rooms. Currently, around 800 people are held in the closed prison for adult male convicts, 60 of whom are in preventive detention.





Along with the star-shaped prison building 1, the prison comprises of an administration block with the visitor area, work halls I and II, a utility building, the garage and a cable processing area. Prison building 2 was excluded from the upgrading measures.

Due to the high standards of security, all processes had to be discussed and coordinated with prison authorities. Interruptions lasting several hours were an established part of the daily plan, meaning that carrying out the project required a time period of 10 months.

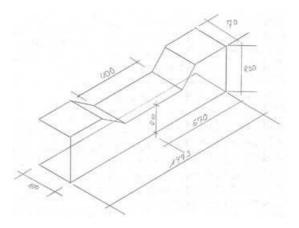
Works carried out:

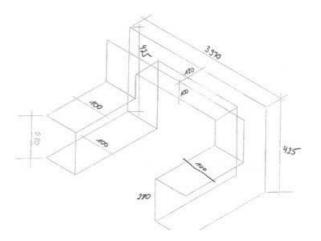
In prison building 1 there were roughly 1600 metres PVC cable ducts. These were removed and replaced by Flamro FKS ducts

Because the entire area of the corridor on all landings had to be completely protected by I30 ducts, around 100 specialised components were manufactured by the company Flamro from Leiningen according to measurements taken on site and were then integrated into the structure by the company Bohle. Right: two simple sample drawings according to which they were produced.

Furthermore, there is a cable shaft that stretches across all landings in the *mirror*, the middle of the prison building. A metal plate was screwed in place in order to close off access to it. To strengthen this, face wall sheets with inspection flaps from the company EAS were fitted in order to guarantee fire protection class I30.

In all other buildings at Werl Prison concerned with the upgrade, all fire-stop penetration seals were inspected and replaced where necessary. In total 200 penetration seals were completely replaced.





Client: Bau- und Liegenschaftsbetrieb NRW Soest Wisbyring 17 Bohle Brandschutz GmbH Niederlassung Düsseldorf Heinrich-Hertz-Str. 42 40699 Erkrath

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Project manager: S. Drescher