

POLITIE FLANDERS FIELD (MIRA)

Waregem

Construction of a new police office with modular meeting rooms, cell complex, interrogation rooms and bistro area.

Status
2018 - 2020

Services:
Building Services

Sectors:
Office & Commercial: Office buildings

Client:
Politiezone Mira

Architect:
Kras Architecten - Gent

BM ENGINEERING GROUP







The police office for the MIRA police zone is integrated into the "E17 West" Business Park. The flexible layout of the building, the sustainable envelope construction, and the excellent location were strong assets for realizing a permanent local police office. The building is characterized by a modular and circular structure, constructed using advanced prefabrication and as few wet construction joints as possible. Like the facades, the modularity was carried through in the concept of the building services. This way, a redistribution is possible at all times without substantially changing the building services.

Circularity

The need for flexibility was also reinforced by the implementation of a raised floor on the upper levels. The climate control is designed to be entirely fossil-free and is realized through heat pumps, where convective air handling of the offices is combined with underfloor heating on the ground floor.

Summer comfort is achieved through large solar-protective glazing on the south side and appropriate glazing on the north side (for daylight).
Demand-controlled ventilation in the periodically occupied rooms furthermore ensures low energy and facility consumption. Monitoring through the central building management system serves as a control mechanism for optimal management.

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