

ARDIS AALTER

Aalter

The project includes the construction of an office building of approximately 2,000m² with 4 above-ground floors, and a basement of +/- 105 m²

Status
2023 - 2026

Services:
Building Services, Structural

Sectors:
Office & Commercial: Office buildings

Client:
Aelterre BV

Architect:
BVBA Sander Verhanneman Architecten

Area:
2105 m²

BM ENGINEERING GROUP







As an engineering consultancy for building services and structural engineering, we fully leverage our synergy here. The choice for thermally activated building systems (TABS) required a thorough and well-considered coordination of the entire project.

With this technique, we integrate pipes directly into the concrete slab, allowing the thermal mass of the concrete to store and release heat and cold. In this way, the concrete slabs combine their load-bearing function with a role as an efficient emission system within the technical installations. Floor convectors complement this system intelligently by responding quickly to temperature fluctuations, so that comfort is immediately adjusted where and when needed.

From a structural engineering perspective, we also made a notable contribution: a 7-meter-high BBQ serves as a real eye-catcher and will undoubtedly play a central role during after-work activities.

Client: ARDIS Information Systems NV
Architect: Sander Verhanneman
Structural works: Van Tornhaut Algemene Ondernemingen
Building services contractor: ALLTECHNICS
Structural and building services engineering consultancy: BM Engineering Group

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