

Blending plant Q8 - Hoboken

Project Details

Activities

Civil Engineering
Heavy industry

Contractors

Willemen Construct

Location

Benzineweg 4
2018 Antwerpen Belgium
Antwerpen BE

Client

Kuwait Petroleum Belgium

End User

Q8

Engineering Office

Ingenieursbureau Norbert Provoost

Construction period

2 years

Start work

01-2015

End of work

01-2017



Phase 1

- ° Empty Pack Warehouse
- ° Storage place for tanks
- ° Steel construction with concrete prefab panels, with pattern
- ° Spans from 35 m
- ° Cellular concrete firewall

Phase 2

- ° Blending Plant
 - ° Storage warehouse comprising a steel superstructure with architectural concrete panels and firewalls
 - ° Buffer tanks: 90,000 litres with revetment
 - ° Blending Building: office building, laboratory, electrical substation, compressor house and production space with 16 tanks
- The building is a steel construction with diamond-shaped concrete façade panels and 120-minute fire-resistance
- ° Additive tank area: impermeable bund for 42 tanks
 - ° Day tank area: impermeable bund for 32 tanks
 - ° Stock tank area with foundations for 27 tanks
 - ° 6,500 m³ Concrete poured on-site, fitted with steel reinforcement
 - ° Fire-proofing: 8,500 m²

Phase 3

- ° Extension of the Empty Pack Warehouse, a steel construction
- ° Extension of the Blending Building, a steel construction
- ° New Additive Warehouse: a concrete prefab structure
- ° Road and infrastructure works: 2,000 m².

Willemen Construct



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Willemen Construct came into being on 1 July 2018 as a result of the merger between Willemen General Contractor and the construction department of Kumpen.