

## 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 m<sup>3</sup> Concrete poured on-site, fitted with steel reinforcement
  - ° Fire-proofing: 8,500 m<sup>2</sup>

#### 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



Boerenkrijgstraat 133  
2800 Mechelen, Antwerpen  
(Belgium)  
tel +32 15 56 99 65  
bouw@willemen.be  
[www.willemen.be](http://www.willemen.be)

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.