

## Blending plant Q8 - Hoboken

### Project Details

#### Activities

Civil Engineering  
Heavy industry

#### Contractors

Franki 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 m<sup>2</sup>.

## Franki Construct



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Since 1998 Franki Construct has been part of Willemen Groep, the largest family construction group in Belgium.