

## Storage tanks for chemical liquids Evonik Degussa - Antwerp

### Project Details

#### Activities

Civil Engineering  
Heavy industry

#### Contractors

Franki Construct

#### Location

Tijsmanstunnel West  
2040 Antwerpen Belgium  
Antwerpen BE

#### Client

Evonik Degussa

#### End User

Evonik Degussa

#### Engineering Office

Nico Terryn

#### Construction period

3 months

#### Start work

06-2011

#### End of work

09-2011



Construction of two tanks.  
Tank capacities:

- Foundation slab on screw piling: 69 screw piles per tank.
- 325 m<sup>3</sup> concrete and 25 tonnes of rebar per foundation slab.
- 95 tonnes of rebar per tank wall.
- 425 m<sup>3</sup> concrete per tank wall.
- Tank height: 17.20 m.
- Outer diameter: 21.00 m.
- Wall thickness: 0.40 m.
- Hydraulic head: 18 to 20 cm/hour.

Method: slipforming. Full-time, 24/24 and 5 days successive, concreting with concrete hoppers.

### Franki Construct



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