

# PROJECT REFERENCE

## WINTERSHALL F16-A PLATFORM

### Armaflex<sup>®</sup>, Arma-Chek R<sup>®</sup>

- **Summary**

When the offshore natural gas platform F16-A, Wintershall's largest gas production platform in the Dutch North Sea, was constructed in 2004, the insulation contractor Staveren BV choose Armaflex and Arma-Chek to protect the installation against the increased risk of corrosion and the harsh climate at sea.

- **Place**

Southern North Sea, Netherlands

- **Operator**

Wintershall

- **Contractor**

Heerema BV

- **Insulation contractor**

Staveren BV

- **Installation date**

2005

- **Market segment**

Oil & Gas offshore

- **Medium**

Natural gas

- **Insulation systems used**

Armaflex, Arma-Chek R



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## WINTERSHALL PLATFORM

Wintershall is the third largest producer of natural gas in the Netherlands and operates 23 offshore platforms. In 2004, the company commissioned the construction of the F16-A gas drilling platform, which was built in the Heerema shipyard (near Rotterdam) and towed into the North Sea in August 2005.

The engineering firm Frames Process Systems selected the insulation company Staveren B.V. (Rhoon) for insulation work on skid units on the platform. The five skid units were first insulated with Armaflex. Then, to protect the installations against the harsh climate and the increased risk of corrosion at sea, they were covered with the Arma-Chek R covering material, which was specially developed for marine and offshore purposes.

Before they installed the Arma-Chek R material, the insulators from Staveren B.V. first completed the Arma-Chek seminar held by OOI, the Dutch association of insulators.

Pipes and vessels on the platform were equipped with trace heating and insulated with Armaflex (insulation thicknesses of 19, 25 and 32 mm). Armaflex was also used in the accommodation for the workers on the platform. The heating and water pipes were insulated with several hundred metres of Armaflex.

The F16-A is currently Wintershall's largest gas production platform in the Dutch North Sea, processing up to six million cubic meters of natural gas every day.



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