

# Niederfinow ship lift

Niederfinow



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**Type of building:**

Ship lift

**Building contractor:**

Bilfinger Berger Ingenieurbau GmbH  
[www.civil.bilfinger.com](http://www.civil.bilfinger.com)

**Completion:**

2014

**In Germany's oldest still working ship lift, Stremafix® back anchoring was used in the working joints of the reinforced concrete.**

This building is an engineering monument and is a special tourist attraction. More than 500,000 visitors visit this unusual construction every year. Around 130 m long and 60 m high the new lift covers a difference in height of 36 m in the course of the Oder-Havel Canal. It will enable vessels of 110m long and 11.4m wide to navigate the Niederfinow. With an investment volume of around € 285 million, a European waterway class V-ship lift is to be built in Niederfinow by 2014.

The following MAX FRANK products were used in the construction of the foundation:

- Fibre-reinforced concrete spacers in a variety of designs ensure compliance of the concrete cover.
- The reinforcement connection is provided by Stabox® special types and custom-made products.
- In particular, Stremafix® back anchoring was used in the construction joints of reinforced concrete construction.
- The back anchoring provides tensile and pressure resistant anchoring of the Stremaform® formwork elements during the installation phase and resistance to concreting pressure.
- Stremafix® back anchoring is always used if welding of reinforcement is not permissible or advisable.

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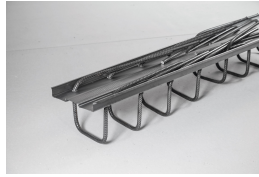
## Products used:



Fibre concrete spacers



Stay-in-place formwork for working joints Stremaform®



Continuity strip Stabox®



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