

**Inspection corroded sheet piles
Heerema Vlissingen B.V.**

Facts:

- Extra information:

In 2005, Acotec coated a part of the sheet piles at Heerema Vlissingen B.V. The aim of the inspection in 2014 was to determine the effectiveness of the coating after ten years and to inspect the condition of the sheet piles.

The inspection was carried out by means of Acotecs DZI cofferdam in order to access the sheet piles below the waterline.

The inspections of the non-protected sheet piles showed corrosion both below and above the waterline. MIC caused pitting resulting in perforations of the sheet piles.

The inspection of the ten-year old coating showed that the coating is still intact and performs well. No corrosion was detected at these places.

- Date of execution:

February 2014 - January 2015

- Duration of the project:

12 months (periodically)

- Exact location:

Belgiëweg Oost
4455 TT Nieuwdorp
The Netherlands

- Name client:

Heerema Vlissingen B.V.
The Netherlands

- Contractor:

Van der Straaten
Aannemingsmaatschappij B.V

Acotec nv



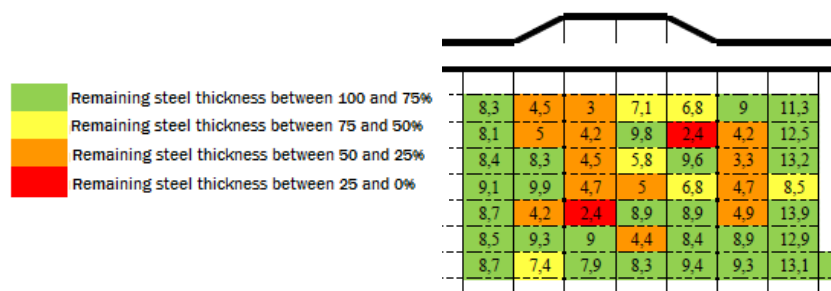
Scaling in the splash zone



Pitting due to MIC in submerged zone



Perforation due to MIC in submerged zone



Example of chart: remaining steel thickness



Coating still performs after 10 years

