



# **Bakker Groep Coevorden**

## **Movable Sound Wall - Noise Barrier Special**

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Dear Relation,

The Sound Wall System is a unique Bakker Oilfield Supply Rental item and indispensable for the onshore Oil & Gas industry. In any situation where noise reduction is required we can offer a complete full service solution. In our rental fleet we have a complete system consisting of 10 meter high soundwalls. The Sound Wall can reduce noise levels to an acceptable level to protect the direct environment of the field.



### **Facts & Figures**

- When it's possible to position a Soundwall very close to the source of the noise it is possible that the noise will be reduced below the required limits: day 55dB; night 45dB
- Soundwalls bring industrial noise sources to an acceptable level
- Soundwalls can handle different types of industrial noise

### **Specifications Soundwall - Noisebarrier**

- Modular system
- Panel width 2 or 2,5 meter
- Panels mounted on ballast blocks of 8000 or 10000kg



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## **Specifications Sound Wall - Noise Barrier**

- Total height 10 meters
- Manual (5 meter width) or electrical (7.5 meter) operated roll up overhead door
- High level of stability, due to shoring.
- Force 12 winds resistant
- Sound reduction of app. 20 db ( official TNO report available )

Due to the compact dimensions it is easy to install the system in densely populated areas. The system is modular, therefore we are able to:

- Create various configurations
- Place emergency doors at strategic locations
- Place cable transit through at the right required position
- Corner sections

## **745 meter Sound Wall for Bergermeer the Netherlands**

When the drilling on the current location almost came to an end, they moved the rig and the sound wall (noise barrier) from the eastside to the northwest side. The eastside got a temporary Soundwall that was built while the last jobs of the project were being executed.

A 515 meter Sound wall with gateways was placed at the northwest side. On the eastside Bakker Oilfield Supply placed 230 meter soundwall with two gateways.

The purpose of the wall on the eastside was to reduce the noise from the well-test activities. The purpose of the wall on the northwest side was to reduce the drilling noise caused by the rig. The total derrick project was finished in week 46 of 2013



Bakker Oilfield Supply moved the sound wall within three weeks. Subsequent the rig was moved to the new location on Bergermeer. Moving the rig took approximately two weeks. The first week of November 2013 TAQA started drilling.