# Readme

The zip contains 1 folders. Forces\_deflections\_caprotations. This contains 10 excels, which cover all monitoring during the quay wall experiments. **On page 8 of the .pfd file ‘Eindrapportage Monitoring proefbelasting v1.10.PDF’, the sensor names, method test AND UNITS are explained.**

Afbeelding met tekst, schermopname, software, Multimediasoftware

Automatisch gegenereerde beschrijving

## Forces\_deflections\_caprotations\_data

This folder contains 10 excel folders.

For all 10 excels, 4 tabfiles are present:



Proefvak A contains both experiment A.I and A.II. Logically Proefvak B,C and D contain experiment B,C and D.

The **Crack-sensoren** file contains the spacing between piles and headstock for pile row 1,2,3 and 4.

The **HMB** (helling meet buis) file contains the soil deformation behind the quay. Segment B has 2 measuring arrays B1 and B2 and segment D has two measuring arrays D1 and D2.



The **incline’s palen** file contain the inclination for each pile row (1-4) on various time stamps.

The **kespen** file contains the settlement of the headstock on top of the piles. For B, two headstocks are monitored.

The **Peilbuizen** contains the phreatic water level of the fill during the experiment.

The **Prisma’s** file contains the location of the prisms on top of the façade (gravity wall) of the quay during the experiments in XYZ direction. The container is also monitored with prisms, these measurements are also provided.

The **SAAF** file contains the vertical soil deformation behind the quay during the experiments.

The **Tilt** file contains the inclination of the gravity wall during the experiment

The **Vulling container** file contains the pressure in water column on 6 places within the ballast container. Furthermore it contains the discharge of water pumped into the container and the total volume of water in the container itself.

The **waterspanningsmeters** file contains the waterpressure in deeper soil layers (NAP -8m).

An elaborated explanation of the layout of the experiments is provided in the dissertation.

Zoals besproken hebben we de scan uitgevoerd van de container.

Volume met in acht name van het zand wat uiteraard niet perfect vlak ligt : 50.168 m3

Oppervlak of footprint: 6.050 x 2.782 = 16.8311 m2

Afbeelding met schermopname, tekst, Grafische software, Multimediasoftware

Automatisch gegenereerde beschrijving