

Client: Hollandia
Location: Dover Harbour
Date: February 2005

Project Specifics:

Two brand new ro-ro ramps required to be load tested before being taken into service at Berth 9 Dover Harbour.

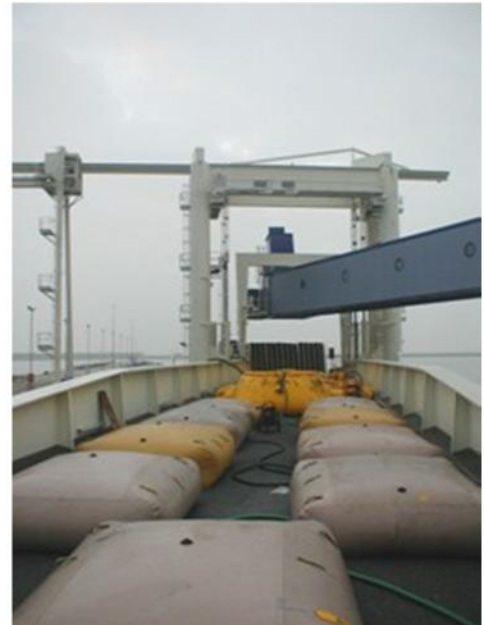
Four Water Weights engineers spent two days on site applying the 570 tonne load using flexitainers and flexidams. Flexitainers, also referred to as mattress bags, are fully enclosed water bags as show in the photograph above. Flexidams are open at the top as show in the photograph below.

The Upper Ramp was loaded with 300 tonnes and the Lower Ramp was loaded with 270 tonnes. Using sea water as the test weight allows the load to be applied gradually thus enabling the engineers to highlight any problems quickly. Once the required load was achieved, it was left in place for 12 hours. This allowed the effects of a Sustained load to be measured.

Both ramps were given the all clear.

Client Feedback:

Hollandia was delighted that the work was completed successfully and on schedule. Enquiries are on-going for further work at Dover harbour.



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