



DEPENBROCK

REFERENZ HARBOUR CONSTRUCTION AND MARINE ENGINEERING Reconstruction quay wall – Old fishing port Cuxhaven



Bilfinger Marine & Offshore Systems GmbH now F+Z Baugesellschaft was awarded a design & build contract to reconstruct and refurbish a 125m long quay wall in the northern section of the „Old Fishing Port, Cuxhaven“. The quay wall is a tube combined wall. The primary elements are tubes Ø 1420 x 14,2mm and for the intermediary piles the profile AZ 26-700 was chosen, which leads to a system width of 2,88m. Anchoring was realised by micropiles.

To not overload the existing, but no longer stable quay wall all works had to be performed from waterside using floating units.

Contract Value:
~ € 2,3 million

Executed by:
F+Z Baugesellschaft

Employer:
Niedersachsen Ports GmbH & Co. KG

Construction Period:
Aug. 2015-Dez. 2015

Construction site:
Cuxhaven

Specifications / Main Quantities:
125 m quay wall
Combined tubular sheet pile wall
Support tubes up to 32 m
Micropiles approx. 53 pieces
length 40 m
Concrete approx. 820 m³
Armourstones approx. 850 t

