

ABI Equipment Limited

Piling Equipment Specialists

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An ABI Mobilram TM 16/20B c/w MRZV 28VV vibrator were selected by J T Mackley Co Ltd for the installation of AZ 46 sheet piles as part of the Broomhill Sands Coastal Defence Scheme at Camber, West Sussex.

Broomhill Sands Coastal Defence

Main Contractor: Broomhill Sands

Client: Environment Agency

Main contractor: Team Van Oord (J T Mackley)

Piling Equipment supplier: ABI Equipment Limited

2.4 km Coastal Defence scheme

The £30 million Broomhill Sands coastal defence scheme is part of the Folkestone to Cliff End Strategy which, once complete, will reduce flood risk for 14,500 homes, numerous businesses, a nuclear power station, significant areas of designated habitat and 2 Ministry of Defence firing ranges.



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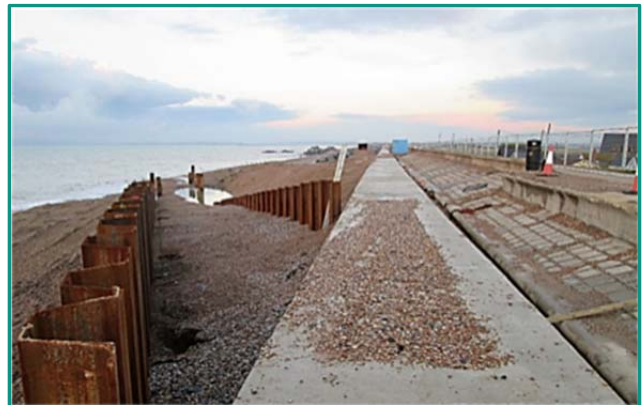


The scheme is located between Camber and Jury's Gap and will cover the 2.4km of beach from The Suttons, Camber to the western boundary of Lydd Ranges.

The work included the provision of two access ramps each consisting of 126 No AZ 46 -700N sheet piles. The piles ranged in length between 8.1 and 11.1 metres. The piles were driven through sands and gravels into stiff clay.

The use of the ABI TM 16/20B piling rig gave main contractor J T Mackley plenty of working headroom, as the piles had to be left high to form the ramp. The powerful MRZV 28VV vibrator enabled the piles to be driven to final level without the need for any backdriving with an impact hammer.

A great advantage of using the ABI piling rig was its ability to move on and off the beach quickly thus enabling the maximum amount of time to be spent working on the beach between tides.



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