

SEAH WIND MONOPILE TEESWORKS

The facility will be built on the 4.5 million sq ft offshore wind and industrial space being created on 450 acres of land next to the wharf and heavy-lift South Bank Quay. The first phase of the quay was recently awarded £107 million of funding in the UK Infrastructure Bank's first ever investment.

Premcrete was delighted to become involved at an early stage to provide waterproofing solutions for this large-scale project.

THE CHALLENGE

- ◆ Equipment pits required waterproofing within a tight installation program.

THE SOLUTION

- ◆ Premcrete provided watertight concrete, which offered the perfect solution with its dual crystalline and pore-blocking properties and a 25-year warranty.
- ◆ This solution did not require additional labour time compared to standard concrete and incurred no additional labour costs.

KEY ADVANTAGES

- ◆ Full in-house design offered by CSSW designers
- ◆ Design liability covered by £10 million PI insurance
- ◆ Dual crystalline and pore-blocking properties of the watertight concrete
- ◆ 25-year warranty without additional labour time or costs



STAKEHOLDERS ON THE PROJECT:

Architect: Corstorphine & Wright

Structural Engineer: WSP

Main Contractor: K2 Construction Management

Groundworks Contractor: MGL Group

SYSTEM INSTALLED:

Hydrocrete

Watertight concrete additive

Cemflex VB / Hydrostop BR

Water bars