

TMS Maritime is a leading UK specialist in marine civil engineering, ancillary floating plant and diving services

**Client: Imerys**

**Duration: 2 Weeks**

**Project: Par Docks Revetement Protection Works**

### Requirement:

TMS were instructed to install a reinforced concrete slab behind the revetment wall to minimize local washout areas behind and underneath the revetment, and were also instructed to remove an existing wooden fence and replace with palisade steel security fencing.

### Solution:

TMS removed inert material from behind the wall, then installed wooden shutters creating hit and miss bays, this was to ensure that concrete could be poured productively as the concrete had to be pump from a considerable distance away.

Before concrete could be poured basalt reinforcing mesh was installed as per design. Basalt is a new sustainable & light weight product made from rock fibre this is a great alternative to steel mesh.

Concrete was pumped using a boom pump into each section, reducing the pump line size as poured. The concrete was then screeded, steel floated and tamp finished. A Harris trowel edge was finally used to provide a perfect finish.

