



# FIBRWRAP®

Worldwide Specialised Contractors

FIBRWRAP CONSTRUCTION UK Ltd.

## Strengthening Structures | Protecting Lives Worldwide.



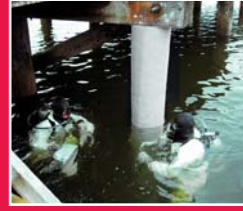
Transportation



Buildings



Pipelines



Waterfront



Industry



### Crack Repair and Inner Dock Wall Protection, Bristol Port, UK.

Bristol Port Company asked from Fibrwrap Construction UK to perform repair works on a concrete crack on the inner dock wall of the West stub pier providing also a long term solution for protection against water ingress using Tyfo Fibrwrap systems.

Fibrwrap UK suggested and performed the following:

Firstly the crack and an agreed area surrounding was cleaned using ultra high pressure water jetting. The crack was then filled with a high strength marine approved repair mortar before being repaired with CFRP strips in a manner similar to stitches on a wound. These CFRP strips were held in place with Tyfo SW-1S Epoxy and Tyfo Fibr-Anchors. Following this process the whole agreed area was wrapped with Tyfo SEH-51A system and SW-1S epoxy. Additional bond capacity was installed using over 200 Tyfo Fibr-Anchors.



**Project:** Crack Repair and Inner Dock Wall Protection

**Location:** Bristol Port, UK

**Client:** Bristol Port Company

**Contract Duration:** 8 weeks

#### Scope of Works:

- Crack Repair of inner dock wall and long term protection from water ingress.