

# CAST IRON BELZONA GRIP ON COAST

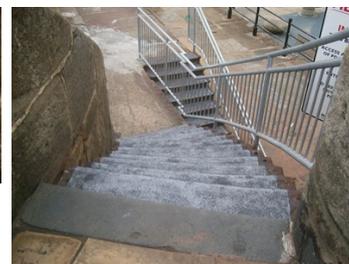
ID: 6105

Industry:  
Application: FPA-Floor Problem Areas  
Substrate: Cast Iron  
Products: \* Belzona 4411 (Granogrip) ,

Customer Location: Port Authority, Teesside, UK  
Application Date: 2010

## Problem

These steps had been worn down after decades of use from the public. The polished surfaces were slippery even when dry, and in wet conditions they were treacherous. These steps led to a very popular breakwater and beach, and so access through the day could not be restricted. In addition, there was about to be a major "Big Ships" event, and thousands of visitors were expected to be using these steps. With "Slips & Trips" being the main source of reported injuries in the UK, the client was very conscious of the risks to the public.



## Photograph Descriptions

- \* 25 steps to the breakwater and beach ,
- \* Cast iron worn smooth ,
- \* Same steps after application ,
- \* Completed application ,

## Application Situation

Ancient Cast Iron Steps leading down to the breakwater and beach.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet FPA-8.

## Belzona Facts

Belzona 4411 is a solvent free and self-priming material that can be applied in a single coat. This allowed the application to be done

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
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quickly and after an overnight cure the area was reopened to the public. Not a single slip was reported during the popular maritime event which followed. In addition, the Belzona solution continues to offer protection from erosion and corrosion in one of the most exposed area of this coastline.

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