

# Tiger Bay Cardiff



**Bespoke Post and Panel System, Tiger Bay**

## Challenge

Tiger Bay is a commercial area of Southern Cardiff which lies on a 500 acre freshwater lake. Recent years have seen massive redevelopment around the former docklands area with the introduction of retail centres, apartments and the Millennium Stadium.

As part of the regeneration project, Cardiff City Council approached Marshalls Street Furniture for their assistance in developing a new scheme to run along the waterfront.

The scheme needed to meet a number of key criteria as outlined in BS 7818:1995 specification for pedestrian restraint systems in metal and RoSPA guidelines for barrier, post and railing systems for waterside protection, as it protects a cycle path that runs parallel to the waterfront.

Cardiff City Council also requested that the new scheme replicated the style of the existing perimeter barrier, whilst providing a much more durable solution than the existing cast iron system.

## Solution

Following extensive consultation, Marshalls were able to effectively fulfil the brief through the development of a solution that replicated the style of the existing Cardiff Post and Panel and adapted it to meet the new requirements.

Posts and panels were designed to provide a top rail which is 1400mm above the ground to comply with BSI regulations. The panels feature vertical bars with 100mm centres, which makes them anti-climb and compliant with RoSPA Band 4 recommendations.

The system was produced with the Cardiff posts being manufactured in Ferrocast and a total of 400 metres of special galvanised and powder coated panels. The scheme was complemented with Stockport Finger Posts in Ferrocast.

## Benefits

The use of Ferrocast, Marshalls' engineering grade polyurethane material, ensured that the new scheme provided Cardiff City Council with a far more durable solution and a reduced requirement for future maintenance. Ferrocast is a non-ferrous material which is completely resistant to rust and corrosion, making it ideal to withstand the demanding conditions of the modern urban environment and waterside locations such as Tiger Bay. The scheme has received very positive feedback from both Cardiff City Council and local residents alike.



# Marshalls

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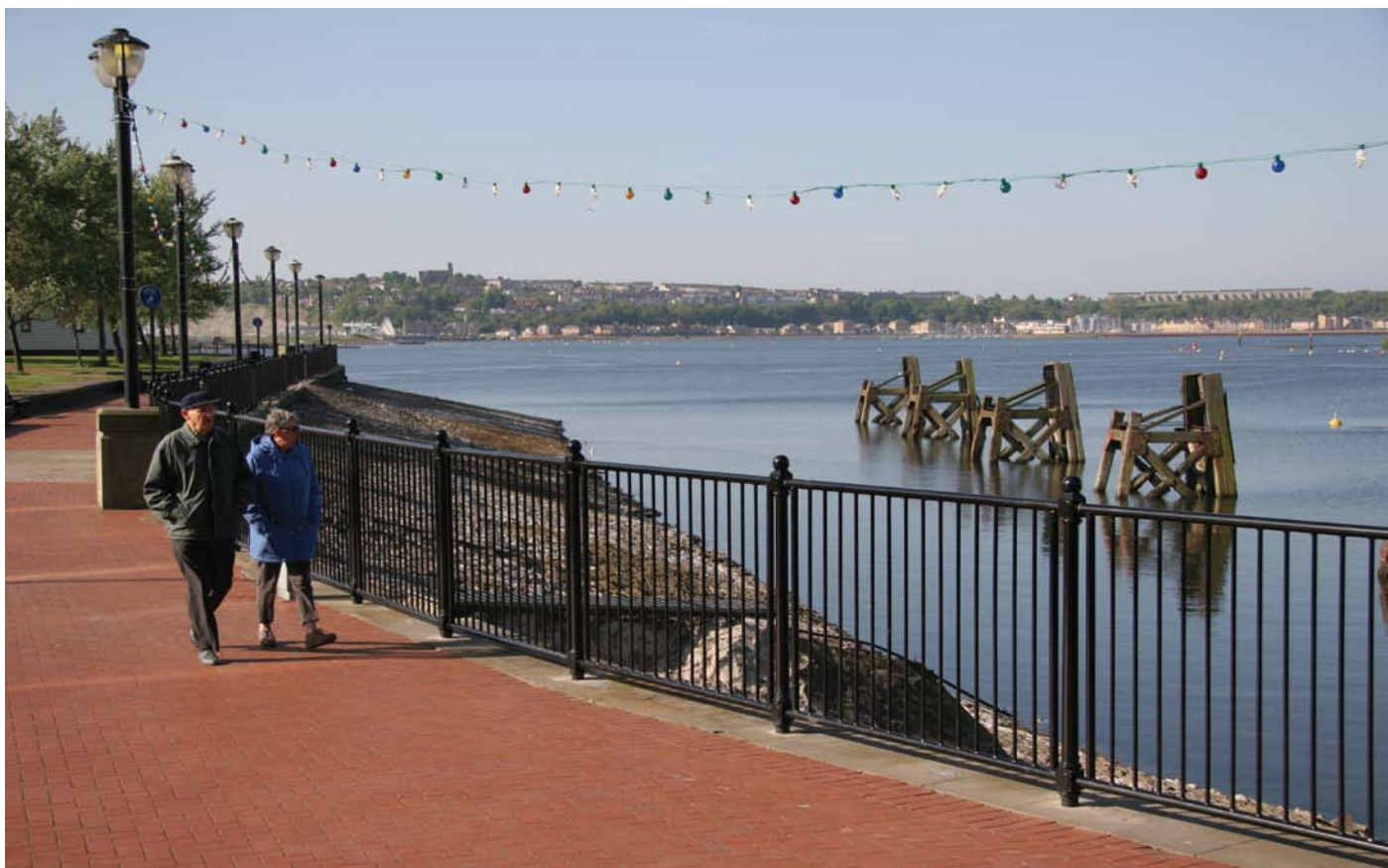
Bespoke Post and Panel System



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Post Detail



Bespoke Post and Panel System



Ferrocast Stockport Fingerpost

**Client:**

Cardiff City Council

**Installation :**

Marshalls Street Furniture Specialist Installers

**Marshalls Product Used:**

- Bespoke Cardiff Post and Panel (Ferrocast)
- Stockport Finger Post (Ferrocast)

**Specialists Involved:**

