

Woodland Walkway, Bristol Royal Infirmary, Avon

**BARCLAY &
MATHIESON**

The Challenge

Barclay & Mathieson was asked to help refurbish a woodland walkway within the grounds of Bristol Royal Infirmary. The original timber decking was rotting, and a section of the structure had also suffered fire damage.

The client wanted to retain the appearance of the original walkway while also delivering a safe, low maintenance and sustainable access solution.

Our Solution

Working closely with the project delivery team, we supplied a combination of recycled plastic and glass-reinforced polymer (GRP) products comprising:

- Brown recycled plastic footpath planks to replace the entire 55 metre run of original timber decking
- Brown recycled plastic posts, beams and joists to form the supporting substructure of the replacement walkway section
- High visibility GRP anti-slip nosings fitted to the recycled plastic planks at the front of each step

The Result

By combining our 100% recycled plastic wood-look components, with products from our hi-vis GRP anti-slip range, the new walkway offers:

- Excellent resistance to moisture, rot and degradation
- Reduced maintenance compared to original design
- Improved slip resistance for year-round pedestrian safety
- A more sustainable solution with the bulk of new materials manufactured from waste plastic, saved from landfill
- A walking surface with a natural appearance in keeping with the surrounding landscape

This project demonstrates how modern materials can improve safety and durability without compromising the character of outdoor environments.

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Sector:

Public / Environmental

Products:

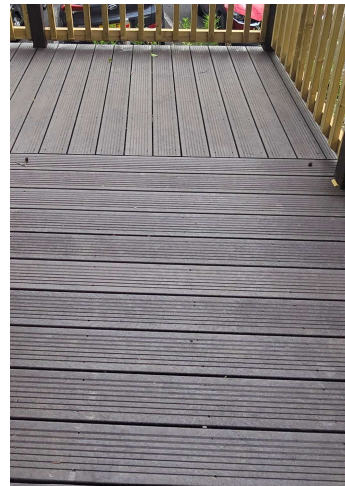
Recycled Plastic Footpath Planks
Recycled Plastic Substructures
GRP Anti-Slip Nosings



Original rotten and fire-damaged timber walkway



Recycled plastic structural posts, beams and joists



Recycled plastic footpath planks and GRP nosings

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