



# Design & Display GRP Structures

## case study: Paradise Street, Liverpool



### GRP DESIGN SHINES IN SEATING

Bright, bold and curvaceous by day and illuminated by night, the unique GRP seating created by Design & Display Structures will be noticed 24/7 at the 42.5 acre Paradise Street regeneration project – playing a part in the city's transition into the Capital of Culture.

#### Brief

The extensive Paradise Street retail-led, mixed-use development is designed to create a pedestrianised boulevard shopping area. Featuring challenging architecture and many flagship stores, it is one of the UK's most dramatic regeneration projects, highlighting the city's renaissance.

Part of this project includes the large, third floor courtyard garden. Designed by BCA Landscape, it features timber decking and creative features. Among these was to be a series of visually bold seating that also illuminated the pathway at night.

To complement the development's prestigious reputation, it was essential that the seating's ergonomics were perfectly formed to offer maximum comfort and encourage good posture.

#### Solution

The attractive modular seats follow a smooth, circular structure, forming a hole in the centre. For variation, these were manufactured to different radii.

Adding an extra challenge was the integration of under seat lighting. Taking from its extensive

experience, the company designed a configuration that would allow the inclusion of transformer powered LEDS to flood light the paving below.

The GRP seat cladding was then installed upon its stainless steel support, and over clad with spun aluminium effect cones. With the highly polished surface of the brightly coloured GRP sitting beside the cool, smooth aluminium, a modern aesthetic was created.

#### Benefit

Design & Display Structures' unique combination of practical design skills, 3D modelling capabilities and expertise in GRP manufacture and installation meant that clients swiftly saw their vision become a reality, without compromising the original image.

Ergonomics were a critical aspect of the seats, as it was important they promoted best posture and were comfortable for all users. Using Design & Displays Structures' prototyping processes it was possible to incorporate the ideal curvature.

#### Client:

Vale Construction

#### Architects:

BCA Landscape

#### Project:

Paradise Street, Liverpool

#### Products:

Design, manufacture and installation of seven GRP modular seats with inbuilt lighting

#### Project Duration:

3 months

*“To develop modular seating with the ability to light up on demand was an interesting design challenge. Having successfully completed a number of similar projects, including an illuminated bath tub and surround, our team was fully equipped to provide this attractive product.”*

*Managing Director, Allan Curtis*