

# TDP Netpave<sup>®</sup> 50

## Case Study



### Client:

The Ability Group / Hilton International

### Project:

Car Park to Hotel, Garden Centre and Zoo and Emergency Access Road, Brentford Middlesex TW8 8JF

### Product:

TDP Netpave 50

### Area:

5,500m<sup>2</sup>

### Architect:

Ettwein Bridges

### Structural Engineers:

Meinhardt UK

### Main Contractor:

Bowen PLC

### Installation Contractor:

O'Keefe Construction Ltd.

## Syon Park Waldorf Astoria Hotel – Car Park & Emergency Access Road



Encompassing a development of 13,000 m<sup>2</sup>, the Waldorf Astoria hotel enjoys an idyllic location within the historic Syon Park. For over 400 years this has been home to the family of the Duke of Northumberland centred around a Grade I listed mansion within its own extensive grounds of 200 acres.



Planning permission for the £40 million 155 bedroom luxury hotel was granted to The Ability Group upon a commitment to a number of restoration and conservation projects including the Adam oval carriageway in front of Syon House and the Duchess Gate which is now open for the first time since the Second World War.

With conference facilities, a choice of restaurants, bar and a spa, and views out over Kew gardens and the River Thames this 5-star hotel hosts a range of corporate events and weddings.

Due to the sensitivity of the new development, the 500 space car park that jointly serves the hotel, garden centre and zoo, had to be visually appealing whilst providing a durable high quality porous surface that was safe for intensive pedestrian and vehicle usage.

To satisfy this design criteria, the project architects Ettwein Bridges specified gravel filled TDP Netpave 50 as the surfacing solution with white Netpave markers to delineate the parking bays.

In addition, Meinhardt, the structural engineers also specified TDP Netpave 50 as the surfacing solution to the emergency access road which has been designed to withstand trafficking from fully laden fire engines.

