

## Case

# STUDY

### **GOLPLA® & TTE**

Hillsborough Castle and Gardens  
Car Park



#### **MARKET SECTOR:**

Commercial



#### **LOCATION:**

Hillsborough Castle and Gardens  
Hillsborough, BT26 6HR



#### **CONTRACTOR:**

Whitemountain



#### **CONSULTANT:**

OCSC



#### **MERCHANT:**

JP CORRY



#### **ARCHITECT:**

The Paul Hogarth Company

## The

# BACKGROUND

**In 2014, Historic Royal Palaces took over the running of Hillsborough Castle and Gardens.**

Then began an ambitious project to restore the house and gardens to their former glory. Having heard about the work carried out for the National Trust at the Giants Causeway, Geosynthetics were invited to visit and discuss plans for a new car park.

## Our Client's

# REQUIREMENTS

Sustainable solution for a new car park

**The following year Paul Hogarth Architects had been appointed as Landscape Architect and a seminar was held at their Edinburgh office to explain more about using Golpla®.**

The design process included incorporating a drainage solution designed by Consulting Engineers OCSC in Belfast. Engineering support was provided by Geosynthetics to both companies. Early in 2017 the designs were finalised. Large areas of Golpla® with grass fill for parking bays and also some roadways with gravel fill.



## Our Value Engineered **SOLUTION**

**Green and Grey Golpla® were used to help blend in with the choice of infill. TTE was also added to provide an access route for service vehicles.**

Contractors Whitemountain started work on site in the summer and soon the sub-base and drainage had been installed. Geosynthetics visited the site several times to advise on rootzone mix, installation of the Golpla®, TTE and marking out of the parking bays. With the work completed all that was needed was the grass to grow. The weather in 2018 conspired to deliver both drought and torrential rain so it wasn't until the end of that year that the Golpla® areas were ready.

The opening ceremony in April 2019 was attended by HRH Prince Charles and the site opened to visitors. Geosynthetics played a key role in this project that evolved over 5 years and the results speak for themselves.

