



Case

STUDY

TTE®

UK Hydrographic Office
Car park



MARKET SECTOR:

Commercial



LOCATION:

Admiralty Way
Taunton, TA1 2DN



CONTRACTOR:

BAM



CONSULTANT:

Hydrock



MERCHANT:

Keyline



INSTALLER:

G Works Construction

The BACKGROUND

The UK Hydrographic Office now have a stunning new headquarters building, which has exceptional 'green' credentials and has won several awards.

In April 2018 engineering consultants Hydrock contacted Geosynthetics Ltd to discuss the project. A new 500-space car park was being constructed but there were other access routes that needed to be built that would blend in with the landscaping.

Our Client's REQUIREMENTS

A sustainable solution for a reinforced car park

Five different areas required a solution. These included a single track access road for HGV vehicles up to 40 tonnes, a LGV single track access road and turning head.

MEWP access for the new building connected to other routes. Also, a large area for fire tender access and a pedestrian foot path. All needed to be capable of dealing with the required loads and be as grass like as possible.



Our Value Engineered **SOLUTION**

The engineering team at Geosynthetics provided a Technical Recommendation and Cross Section drawings for each area.

These were based on the CBR results and site information provided. Geogrids were incorporated into the sub-base to reduce the build-up and TTE® was able to provide the surface solution for all but the footpath where Golpla was used.

Both products are made from recycled plastic and help reduce CO2 emissions in their production, this helped with the projects' drive towards environmental design and sustainability.

The project team won a host of awards from RIBA & RICS and it was named Commercial Property Project of the Year at The British Construction Industry Awards. So it was great to play our small part in helping them achieve success.

