



Case

STUDY

ROCKBOX GABIONS & EKOTEX

Premier Inn Braintree
Carpark



MARKET SECTOR:

Commercial



LOCATION:

Premier Inn Extension
Cressing Road, Braintree
CM77 8GG



CONTRACTOR:

RG Carter



CONSULTANT:

Simpson Associates Consulting
Engineers LLP - Henly on Thames



MERCHANT:

Travis Perkins - Braintree

The

BACKGROUND

Simpsons Associates contacted Geosynthetics for assistance in providing a RockBox Gabion solution for an extension to the Premier Inn at Braintree. In Figure 1 you will see the drawing of the proposed gabion wall provided by our in house engineers.

On completion the station will be the largest in the UK with a box structure 850m long, 70m wide and 20m deep. A subsurface structure of this kind requires extensive ground engineering works.

Our Client's

REQUIREMENTS

A sustainable solution for a reinforced carpark.

Premier Inn, Braintree needed a Rockbox Gabion wall for the creation of a new car park.

The Gabion wall would not only produce a stable slope but also leave the site with an aesthetic finish. Designed to facilitate a new car park, over existing slope.



Our Value Engineered SOLUTION

Geosynthetics produced the solution in a short space of time as requested because RG Carter, the contractor, were already on site.

The full solution, complete with cross sections, were sent to Simpsons Associates so they could incorporate them into their project files. Prior to the start of construction Geosynthetics were able to liaise directly with the contractor.

Geosynthetics visited site to personally show the installation team how to assemble the gabion units using the helical fastenings in order to speed up the entire installation process.

Geosynthetics also addressed their concerns about the finish between the gabions and the tarmac road surface.

“After receiving the go ahead from Simpson Associates to comence the gabion works Geosynthetics Ltd promptly visited site and provided guidance to the installation team to ensure the installation went smoothly and quickly. From the initial calculations done for Simpsons to the assistance on site, the service from Geosynthetics Ltd has been professional and prompt. I would not hesitate to ask for their assistance again.”

ADAM BOND
Projet Manager
RG Carter

