



Case

STUDY

Total Traffic Exopave
Shotton Community Park
Permeable & Reinforced
Overflow Car Park

The BACKGROUND

Responsibility for Shotton Community Park is a former miners welfare ground that was transferred to the Parish Council when the pit closed at Shotton Colliery in 1972.

The park contains football pitches, a play park, bowls, an outdoor multi games area and recently became the new Shotton Youth Centre.

There has been a history of traffic congestion on the road adjacent to the park and the opportunity to provide a new overflow car park was considered a community priority.



MARKET SECTOR:
Public Amenity



LOCATION:
Shotton Colliery, Recreation
Ground, DH6 2JU



MERCHANT:
MKM Building Supplies Ltd



CONTRACTOR:
Brambledown Landscapes
Services Ltd



CONSULTANT:
d3associates Ltd

Our Client's REQUIREMENTS

d3associates approached our Technical Department for advice and product recommendations for an over-flow car park.

Long term durability was important, as well as a permeable solution due to the location having poor drainage and being prone to waterlogging. The car park was for car use only, but frequent heavy daily use was expected.

Essentially the architects wanted to propose a permeable system that was free-draining to cater for worst case, coaches and HGV traffic. The solution proposed was TTE (total traffic exopave).

Our Value Engineered SOLUTION

GEOSYNTHETICS TTE SuDS COMPLIANT SURFACING

Our material was chosen and specified as the surface product to provide an environmentally sustainable car park solution that supported better drainage and the retention of greenspace whilst being easy to maintain and robust for the purpose.



Quotes From Our CUSTOMER

“Our contractor, Brambledown Landscapes were very impressed with the product and since the works have been completed now for 3 months it looks amazing and has certainly met our expectations

Shotton Parish Council Client

“Brambledown have constructed a great many car parks and access roads of different specifications during the last 50 years of business. The Geosynthetics product used on this project was definitely the best heavy duty permeable product we have used to date.

Excellent consistency of product size/manufacture, which is vital to facilitate installation without any creep.

The service from Geosynthetics overall was excellent.

Logistics were all as arranged, responses to queries were swift and practical advice was always available when requested

We would be very pleased to deal with Geosynthetics again in the future and will be recommending the product to designers going forward.”

Brambledown Landscapes Services Ltd Contractor

