



Porous car parking



Client: Command of the Oceans, Chatham Dockyard
Location: Chatham, Medway
Contractor: Raymond Brown Construction Ltd
Application: 8800m² Car Parking Facilities

PROJECT RATIONALE

After Chatham Dockyard closed in 1984 the site was split into three main sections, a residential and leisure development, commercial units and a Maritime Museum.

The Chatham Historic Dockyard Trust received a Charity grant which has enabled them to open a new visitor attraction with upgraded visitor entrance and car park to service the Museum site.

SOLUTION

8800 m² of Bodpave 85 was specified for the car park as it offers a load carrying weight of 400 tonnes per sqm, providing a strong reinforced surface that will not deform.

Bodpave 85 paving grids were installed onto a prepared, reinforced free draining crushed aggregate sub-base in line with our design specification and filled with a sharp angular stone. Bodpave 85 was able to provide an environmental requirement for a SUDS application, allowing the water to permeate into the water table below.





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PRODUCT SPECIFICATION:

Structure	Round cells
Polymer	100% recycled polyethelene
Colour	Black

NOMINAL DIMENSIONS:

Grid Size	500mm x 500mm x 50mm (+/-4%)
Weight per grid	1.56kg (+/-4%)
Weight per sqm	6.24

NOMINAL DIMENSIONS:

Measurement	Resistance to compression (ambient)
Results	400 tonnes /m ²
Method	Internal laboratory

