

CASE STUDY



Client: **COOLINGS Garden Centre**
 Location: **Knockholt, Kent**
 Product: **BodPave[®]40 grass reinforcement paving grids**
 Application: **Grassed car park (1000m²)**



The Problem:

Coolings garden centre has a thriving business in the horticultural and domestic garden markets. Car parking space at their premises in Knockholt was at capacity. A grassed area in front of the main entrance was occasionally used as an overflow car park but problems with vehicles wearing the grass surface, creating ruts and the area becoming a muddy mess in wet conditions required action. The need for space together with a solid reinforced grassed surface was required.

The Solution:

BodPave[®]40 was specified to be laid onto the existing grassed surface which included a previously laid reinforcement mesh to add further strength to the sub-base. The original surface was level and BodPave[®]40 was quick to install. The client was very impressed with the pavers' integral ground spike which also connected the pavers to others. Once the pavers were laid, the area was rolled to bed the pavers securely flat. The cells were filled with a mixture of compost/topsoil and seeded. By April the site was fully established and was being used on a daily basis for overflow car parking.



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CONCLUSION:

BodPave[®]40 grids were laid in December 2007 and the installation completed within a few days. The area was in full operation as a grassed car park by April 2008.

BodPave[®]40 was specified due to its ease of installation and offered the required surface to act as a grassed car park designed to be used on a daily basis. The pavers' open cells allow full grass growth and 100% natural rainwater penetration.



PRODUCT SPECIFICATION:

PHYSICAL CHARACTERISTICS:	
Structure	Honeycomb cells
Polymer	100% recycled polyethylene
Colour	Green

NOMINAL DIMENSIONS:	
Grid Size (Gross)	500mm x 500mm x 40mm (+/- 4%)
Grid Sizes laid (Nett)	483mm x 483mm x 40mm (+/- 4%)
Weight per grid	1.32kg (+/- 4%)
Weight per square metre	5.65kg

TECHNICAL CHARACTERISTICS:		
Measurement	Results	Method
Resistance to compression (ambient)	150 tonnes/m ²	Internal laboratory