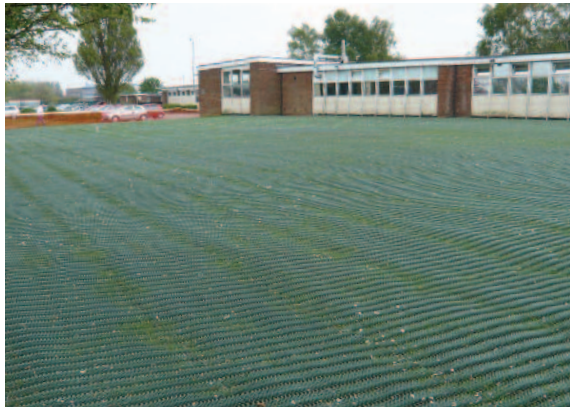


# CASE STUDY



Client: Hereford College  
 Location: Grimsby, North East Lincolnshire  
 Product: GrassProtecta<sup>®</sup> (Heavy)  
 Application: Grassed Overflow Car Park  
 (1280m<sup>2</sup> Installed by Fiberweb Geosynthetics Ltd)



## PROJECT RATIONALE:

New building development and enhancements necessitated the closure of the main college car park. Limited on site space required the college to look at making use of their existing grassed areas for parking, which presented the problem of surface damage in the form of wear and rutting, making it unsightly and requiring a great deal of remedial work in the future.

## THE SOLUTION:

Following on-site consultation, GrassProtecta<sup>®</sup> (Heavy) was specified, as a solution to eliminate the problems that the college faced.

Fiberweb Geosynthetics installation service was chosen for the perfect finish which included the initial filling of small depressions and repairing worn areas with a soil/seed mix to encourage growth, before installing the GrassProtecta<sup>®</sup> to Boddingtons exacting standards - all part of the dedicated service.



Installation



After 2 weeks



Site now in use

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**CONCLUSION:** With regular watering the existing grass sward and the newly sown seed areas quickly established through the mesh, creating a natural, strong intertwined surface, ready for the college to start parking on - free of rutting and general damage when trafficked by vehicles.

The college was impressed with the speed and quality of the installation and with the product itself. The area was used throughout the building enhancements and now complete, the discreet grassed parking solution continues to be used as additional overflow car parking.



### PRODUCT SPECIFICATION:

PHYSICAL CHARACTERISTICS:		HEAVY 2kg/m <sup>2</sup>
Structure		Oscillated
Polymer		HDPE (80% Virgin, 20% Recycled)
Colour		Green
UV Stabilised		Yes
NOMINAL DIMENSIONS:		
Roll Width		2m
Roll Length		20m
Roll Weight		80kg
Weight per liner metre		4kg
Weight per square metre		2kg/m <sup>2</sup>
Thickness		14mm
Mesh Aperture (Diamond:Oval)		3:1 ratio
TECHNICAL CHARACTERISTICS:		
Measurement	Method	Results
Tensile strength (MD)	ISO 10319	16kN/m
Yield point elongation (MD)		35%
Residual thickness @ 500 kPa	ASTM D1621	60%
Slip risk PTV value	BS7976: 1-3	>40 (low slip)