

CASE STUDY



Client: **Blackpool Council**
 Location: **Blackpool**
 Product: **BodPave[®]85 (Black)**
 Application: **New Cycle Route and Walkway (850m²)**

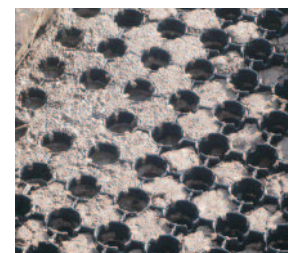


PROJECT RATIONALE:

A rural marshland field was being used for frequent foot traffic and cycle access between a housing development, surrounding schools, colleges, the local train station and the connecting Blackpool Tower area. The intensive usage of this route caused the area to become compacted, rutted and waterlogged in most seasons. Not only was the area becoming unsightly, it was also becoming unsafe to use. Blackpool Council decided that this prime site needed to be remedied with an environmentally friendly solution, which would eliminate the historic land problems with the minimum of impact on the marshland environment.

THE SOLUTION:

Following on-site consultation, BodPave[®]85 (black) was specified as the ideal solution for a new footpath and custom cycle route. Not only was BodPave[®]85 deemed as an environmentally responsible choice due to its 100% recycled content, the product would also facilitate a quick and clean install offering all of the necessary water permeability properties required for this particularly waterlogged site. The tyre gripping castellated finish of BodPave[®]85 was also highlighted as an added benefit to cyclists, particularly in the winter months.



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CONCLUSION: BodPave[®]85 was shipped to site and dark-grey angular gravel was chosen as the fill material, which blended perfectly. The finished solution now offers residents and visitors safe, reinforced access in all seasons.



DESCRIPTION	DATA
Product	BodPave [®] 85
Material	100% recycled polyethylene
Colour options	Black, Green & Natural
Paver dimensions	500mm x 500mm x 50mm + 35mm ground spike
Installed Paver size	500mm x 500mm (4 grids per m ²)
Nominal internal cell size	Castellated 67mm Plaque & 46mm Round Shaped
Structure Type	Rigid-walled, flexible semi-closed cell combination
Cell wall thickness	2.5mm – 4.4mm
Weight (Nominal)	1.56 kg/paver - (6.24kg/m ²)
Load bearing capacity (filled)	< 400 tonnes/m ² *
Crush Resistance (unfilled)	< 250 tonnes/m ² *
Basal support & Anti-Shear	Integral 35mm long Cross & T section ground spikes (18 per paver)
Open cell %	Top 92% / Base 75%
Connection type	Overlapping Edge Loop & Cell connection
Interlock Mechanism	Integral self locking Snap-Fit Clips
Chemical resistance	Excellent
UV resistance	High
Toxicity	Non Toxic