



## Resin Bound Paving - GeoPave

**Product:** *GeoPave - Adbruf's resin bound surfacing system*  
**Project:** *Bramshill Police College, Hook.*

**Client:** *Bramshill Police College, Hook*  
**Principal Contractor:** *Inlay Limited - [www.inlayltd.co.uk](http://www.inlayltd.co.uk)*



## **Background**

Bramshill House is a Jacobean mansion standing on 269 acres of land in the civil parish of Bramshill in north-east Hampshire, England and can be traced back to Saxon times. It has had a varied history with owners such as Thomas Foxley who was commissioned to build Windsor Castle and Edward Zouche who demolished a large part of the original house and reinstated it to what we see today. It is now the location of the Police Staff College and has been since 1955.

The college's mile-long driveway, car park and pathways had been somewhat neglected and required resurfacing with a material that would enhance the elegance of the mansion, but was highly durable in order to take the loads of police vehicles.



## **Design Brief**

Inlay Ltd the principal contractors were given the brief to resurface the existing driveway, car park and pathways in a natural finish that was attractive but hard wearing and that blended in with the natural surroundings, complementing the stonework of the mansion.

It was critical to resurface the driveway and car park in a material that could withstand the expected loads but was also flexible and could expand and contract with the substrate.

## **Solution**

Inlay Limited supplied and laid a resin bound surface - GeoPave manufactured by Adbruf Ltd to the car park, pathways and entrance drive. GeoPave is a durable, hard wearing surfacing material that creates a flat, even layer to the existing substrate.

GeoPave resin can be used in conjunction with a range of naturally occurring aggregates from cream limestone to bold red granites. Inlay Limited could therefore present a selection of aggregates that blended in with the natural stone from the mansion. The college chose Golden Beach aggregate bound with GeoPave UV resistant resin, which was laid at 15-18mm thick.



## **Installation**

Inlay Limited supplies and lays resin based surfacing systems throughout the UK and offers a wide range of colours and aggregate types. Their surfacing can be used for coloured borders or decorative illustrations within the surfacing itself, adding an attractive feature to the landscape environment.

Inlay's contracting experience has been used on many prestigious sites, such as Windsor Castle, The Millennium Dome, The London Eye, as well as private drives, parks, tree pits, car parks, footpaths, and many more.

GeoPave UVR was laid by Inlay Limited at 15-18mm thick, a suitable thickness for the loads anticipated, onto a substrate of 20mm dense base course macadam. The large area was laid in just 19 days to meet the work schedules, laying approximately 420 m<sup>2</sup> per day.

A critical factor to Inlay Limited was that GeoPave surface can be laid quickly and efficiently. The two resin components are first mixed together until homogeneous; the resultant mix is then poured into a suitable mixer that has been pre-charged with the selected aggregate, in this case Golden Beach. Once mixed ensuring that the aggregate has been fully coated, it is transported in a polythene lined wheelbarrow to the installation area and then roughly distributed before being finally hand towelled and allowed to cure. This creates a flat, even durable, smooth and fully permeable surface.

## **Product Details**

GeoPave is a flexible resin bound system that can be used as a surfacing solution to a wide range of projects, in particular access roads, car parks, driveways, courtyards, swimming pool surrounds and tree pits, to mention but a few. It provides an attractive environmentally friendly alternative to bland concrete or asphalt. GeoPave enhances the natural backdrop with the use of a wide selection of naturally occurring aggregates that either compliment or contrast with the setting.



## **Client's Comments**

**Chris Westbrook – Inlay Limited**

*"This particular project was a challenge as we were up against tight deadlines, but GeoPave was easy to install and our expert team applied it quickly and efficiently which helped us to achieve the attractive mile long driveway leading up to the college."*