

BAKERY FIRST TO BENEFIT FROM NEW BRITISH-MADE PAVING SYSTEM

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An innovative British-manufactured paving system produced from recycled plastics has had its first major application at a North West bakery, thanks to the joint expertise of Lorien Engineering and ADP Surface Solutions.

The clip-together ADpave 40-Flex from ADP has been installed in a new car park at the Frank Roberts & Sons Bakery in Northwich, Cheshire.

The car park is part of major site re-development works being undertaken at the family-owned bakery, which has a history dating back over 100 years and produces over two million loaves and other bakery products every week.

Lichfield-based engineering design and project management specialist Lorien has overall responsibility for the site modernisation project, which includes a new 3,000m² distribution centre, and worked with ADP on the design of the car park.

"Sustainability and environmental compliance are at the forefront of our design philosophy," said Lorien Project Manager Phil Colquhoun. "For these reasons, we decided on a gravel retention system for the parking bays and, following trials, we opted for the new ADpave 40 pavers."

Drainage from the parking bays was an important consideration and the ADpave 40 system, which complies fully with SUDS guidelines, has been designed to form part of an integrated water management system for the Roberts Bakery site.

"ADpave 40 has provided a very low-cost, quality solution that met all our criteria. The fact that the system is produced from recycled plastics is a bonus," said Phil Colquhoun.

The actual system consists of ADP GeoGrid 30 laid over the sub-soil with a low-fines sub-base consolidated above it. The ADpave 40 pavers are then installed and backfilled with washed gravel.

"Another advantage of using ADP was that, through their sister company WhitemossEco, they were able to supply the 230 tonnes of washed, 10mm granite gravel we needed for the backfilling," said Phil Colquhoun.

Main contractor on the Roberts project is Pochin and site supervisor Mark Rowbottom said that laying the new paving system had been easy: "Installation of the clip-together pavers was simple and very straightforward. It all came together without a hitch."