

Case Study

ProjectConcrete Slab Re-surfaced

Project Ref NCS006

Category Gravel Stabilisation Grids

Product ID Nidagravel 140

A period property with a concrete driveway and courtyard undergoes a transformation thanks to Nidagravel and MWD Landscapes.

MORE





Information

Application

Driveway

Product ID

Nidagravel 140

Area

Approx 500 SQM

Gravel

20mm Cotswold Chippings

Contractor

MWD Landscapes

Garden Designer

N/A

Location

Gloucestershire

Project Overview

The driveway area of this lovely period property in Gloucestershire posed a problem for it's owners. How to cost-effectively re-surface a large old and worn concrete driveway and courtyard?

MWD Landscapes offered their clients the perfect solution with our Nidagravel 140 gravel grids, which can be laid on top of a concrete base in order to create a stable gravel surface. Instead of incurring the large expense of breaking out a large area of old concrete slab, removing it from site and installing a new sub-base. The old concrete driveway provided a solid base and therefore MWD Landscapes were able to lay the Nidagravel 140 grids directly on top of the concrete driveway and install new edgings. Nidagravel grids offered a more cost-effective option which not only saved their clients a considerable sum but created a beautiful gravel driveway to compliment their period house.









Installation Details

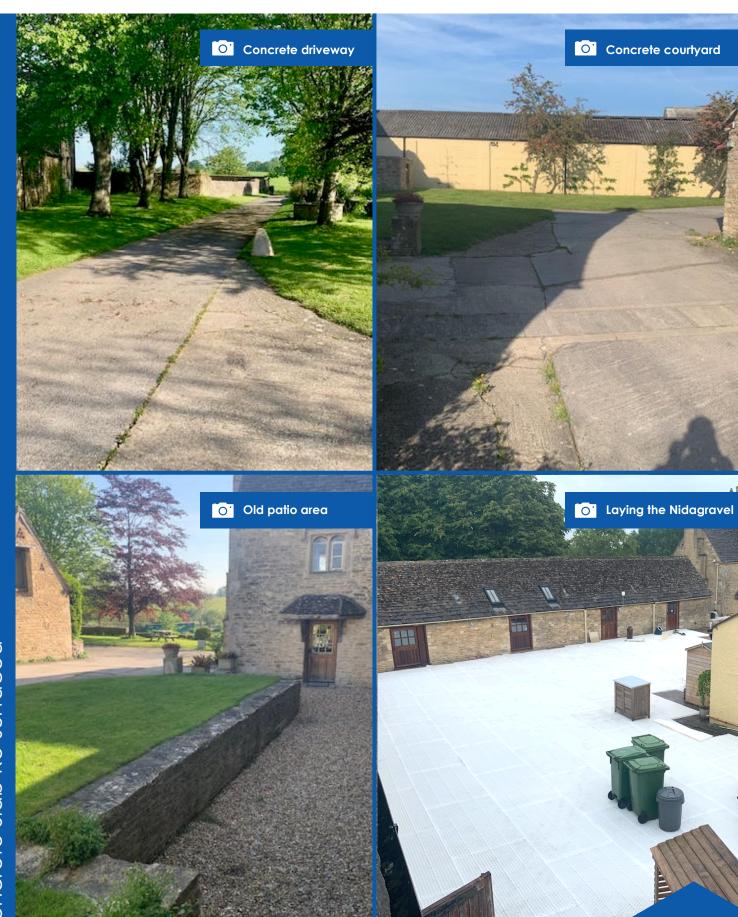


In addition to providing a cost-effective solution in keeping with the property. The Nidagravel grid system was quick to install due to the large sheet size and the limited work required to the concrete base. The thickness of the gravel grid system was also important as the contractors had to work to the existing site levels. In addition, Nidagravel grids are 100% permeable allowing rainwater to drain through the grids to reach the existing drainage points. Where the existing slab was uneven in places, the contractors were able to adjust the levels to ensure the new surface looked perfect.

MWD Landscapes installed new granite sett edgings to the driveway entrance to retain the edges and used additional top soil and grass seed to blend in the new driveway level to the existing lawns. 20mm Cotswold shingle was chosen for the driveway which is a great colour with the local stone and ideal for use with Nidagravel 140 grids.

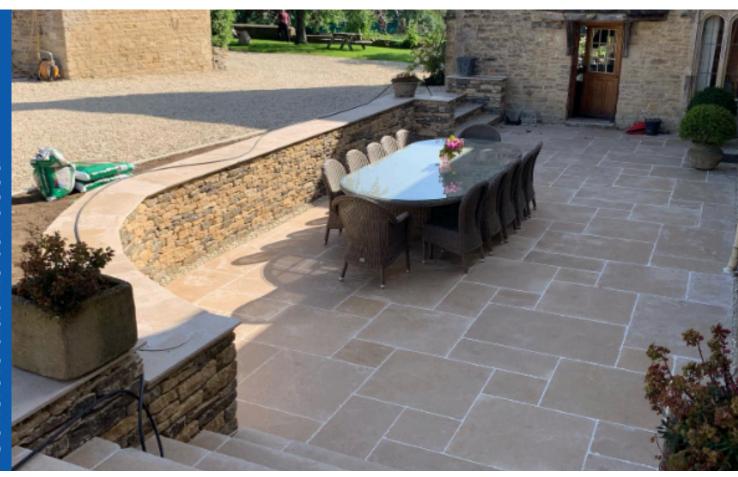












The finished results



The difference between the old uneven concrete surface and the new beautiful gravel driveway and courtyard is dramatic. It's amazing what a skilled landscape contractor can do with our Nidagravel grids to enable a superb cost-effective transformation.

"Lovely transformation. We had great fun on this project working for a great client."

Mike Dempsey, MWD Landscapes www.mwdlandscapes.co.uk









Nidagravel 140 - Gravel Stabilisation Grid



Gravel stabilisation Category Driveways, paths, patios and car parks **Application** Traffic Pedestrian, bikes, cars, vans, 4x4's, trucks

Material Polypropylene Structure Honeycomb

Dimensions 2m long x 1.2m wide Coverage 2.4 SQM per sheet

Grid Thickness 40mm (membrane bonded to the underside)

Colour White

Cell Size 50mm (Hexagonal) **Max Gradient** Use on slopes up to 15%

Sheet weight Unfilled 1.8 kg per SQM / 4.32 kg per sheet Strength Compressive strength 400 tonnes per SQM

Gravel Fill Approx 85 kg per SQM / 204 kg per sheet **Gravel Size** 4 - 20mm (max size approx 18-20mm)

Gravel Type Any angular decorative gravel or chipping





Why choose Nidagravel grids?



Nidagravel grids have been manufactured to the highest standards by Nidaplast Honeycombs for over 35 years having originally developed the cellular gravel retention system. Nidagravel offers the best solution for a stable, 100% permeable, SuDS compliant, high-performance and low-maintenance gravel surface for paths, driveways and car parks. We are dedicated to providing the best possible solutions, technical support and first-class service to our customers all over the UK.

Visit our website for further information on our gravel stabilisation range and to order online with speedy delivery of your order in 48 hours.

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