



## Case Study

### Project

New Driveway Surface

Project Ref	NCS002
Category	Gravel Stabilisation Grids
Product ID	Nidagravel 140

**A large Breedon style, self-binding gravel driveway surface was removed and replaced with Nidagravel 140 gravel grids by Creative Gardens & Driveways.**

MORE





## Information

**Application**  
Driveway

**Product ID**  
Nidagravel 140

**Area**  
Approx 700 SQM

**Gravel**  
10mm Golden Flint

**Contractor**  
Creative Gardens  
& Driveways Ltd

**Garden Designer**  
N/A

**Location**  
Cheshire

## Project Overview

This project involved the removal of an unsuitable and unattractive driveway surface, which was then replaced with Nidagravel 140 gravel stabilisation grids and a natural, local, decorative gravel. The client was unhappy with the look, performance and maintenance problems with the existing driveway surface, which was originally surfaced with a self-binding gravel, often referred to as Breedon gravel. The existing self-binding gravel surface was being scuffed by car tyres, turning green and growing moss around the edges. It was less useable when wet and was looking tired and worn out, even though it had only been installed relatively recently.

Creative Gardens & Driveways Ltd were able to complete a cost-effective refurbishment of the entire driveway surface using the Nidagravel 140 gravel grid system combined with a new decorative gravel to fill the grids.





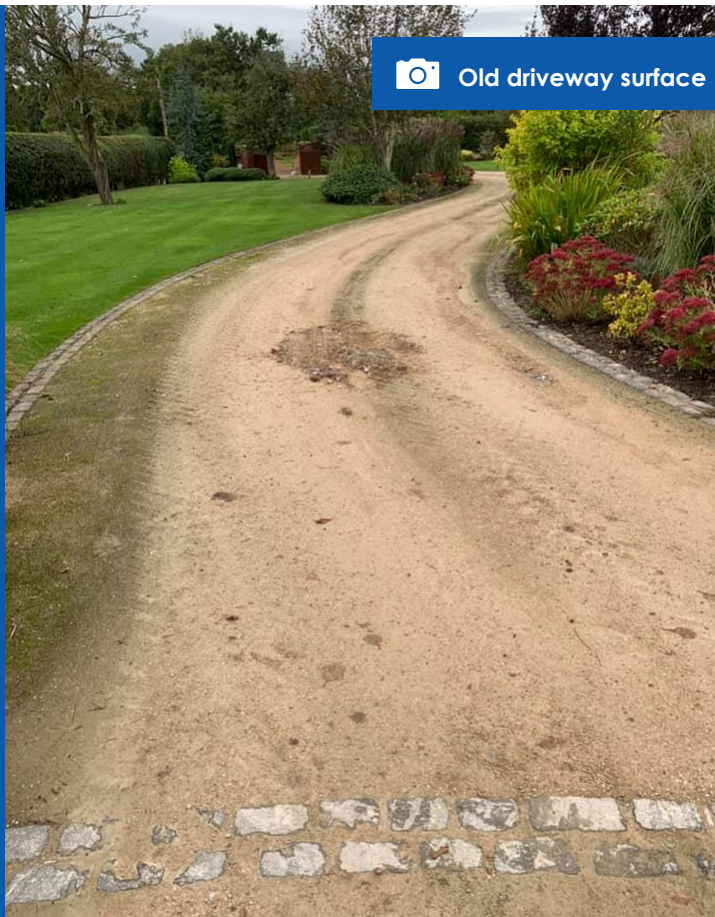
## Installation Details



This driveway was a relatively straight-forward refurbishment project. It required the careful removal of the old surfacing layer of self-binding gravel, which was a substantial amount to remove in total. This needed the skilled use of an excavator and a steady hand to ensure that the existing granite sett edgings were not disturbed and that the surface was scraped off to a consistent depth to allow for a new bedding layer and the thickness of the new Nidagravel 140 system being installed.

Upon completion of the groundworks, the Nidagravel 140 grids were laid out and cut to fit. The curving layout of the driveway meant a lot of cutting was required around the perimeter edges. Fortunately, Nidagravel grids can be cut quickly and cleanly to follow a curve using an angle grinder and so this process was quickly completed by the Creative Garden & Driveways team.





Old driveway surface



Old surface removed



New bedding layer



Laying the Nidagravel



## The finished results



The Nidagravel 140 grids combined with a local buff-coloured gravel have transformed the look of the driveway surface whilst maintaining the the overall colour scheme of the driveway design and complimenting the existing silver granite sett edgings. The driveway surface is now stable, easy to use and will remain looking good throughout its lifetime without suffering from the problems associated with the previous surface.

***“David and his team are without doubt the best I have ever dealt with. The speed, quality of work, tidiness and professionalism was unreal. Genuinely if I could give them 11 out of 10, I would do so.”***

Quote by Chris Davis, The Client  
Shared by David Hadley, Owner, Creative Gardens & Driveways Ltd  
[www.creativegardensanddriveways.co.uk](http://www.creativegardensanddriveways.co.uk)





## Nidagravel 140 - Gravel Stabilisation Grid



<b>Category</b>	Gravel stabilisation
<b>Application</b>	Driveways, paths, patios and car parks
<b>Traffic</b>	Pedestrian, bikes, cars, vans, 4x4's, trucks
<b>Material</b>	Polypropylene
<b>Structure</b>	Honeycomb
<b>Dimensions</b>	2m long x 1.2m wide
<b>Coverage</b>	2.4 SQM per sheet
<b>Grid Thickness</b>	40mm (membrane bonded to the underside)
<b>Colour</b>	White
<b>Cell Size</b>	50mm (Hexagonal)
<b>Max Gradient</b>	Use on slopes up to 15%
<b>Sheet weight</b>	Unfilled 1.8 kg per SQM / 4.32 kg per sheet
<b>Strength</b>	Compressive strength 400 tonnes per SQM
<b>Gravel Fill</b>	Approx 85 kg per SQM / 204 kg per sheet
<b>Gravel Size</b>	4 - 20mm (max size approx 18-20mm)
<b>Gravel Type</b>	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.

**nidaqgraveluk**  
stabilised gravel driveways, paths & surfaces

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