

nidaq graveluk[®]
stabilised gravel driveways, paths & surfaces



Case Study

Project

Grand Designs Driveway

Project Ref

NCS004

Category

Gravel Stabilisation Grids

Product ID

Nidagravel 140

A new build, architect-designed, contemporary 'healthy house' featuring a Nidagravel gravel grid driveway as seen on Grand Designs.

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GRAND DESIGNS

Information

Application
Driveway

Product ID
Nidagravel 140

Area
Approx 195 SQM

Gravel
10mm Golden Gravel

Contractor
Gardenart Ltd
Landscape Artisan Ltd

Garden Designer
Ellen Gordon

Location
Richmond, London

Project Overview

This project focuses on the construction of a brand new self-build property on a garden plot in Richmond, London and follows the journey of the owners in bringing the project to life, closely followed by Kevin McCloud and shown on Channel 4's property programme Grand Designs. The architect-designed house is contemporary in style and features a filtration system to purify the air inside the building. In addition to building the property, extensive landscaping works were completed including excavations for a sunken garden patio, terracing, steps, gabion walling and of course a new driveway. The entrance to the property was surfaced in a combination of permeable block paving for the driveway section leading into the site and the garden designer selected our gravel grids combined with a golden gravel for the large gravel parking area stabilised with Nidagravel 140 to the front of the house. The natural gravel driveway sets off the building beautifully and enhances the modern facade of crisp white render and timber cladding.



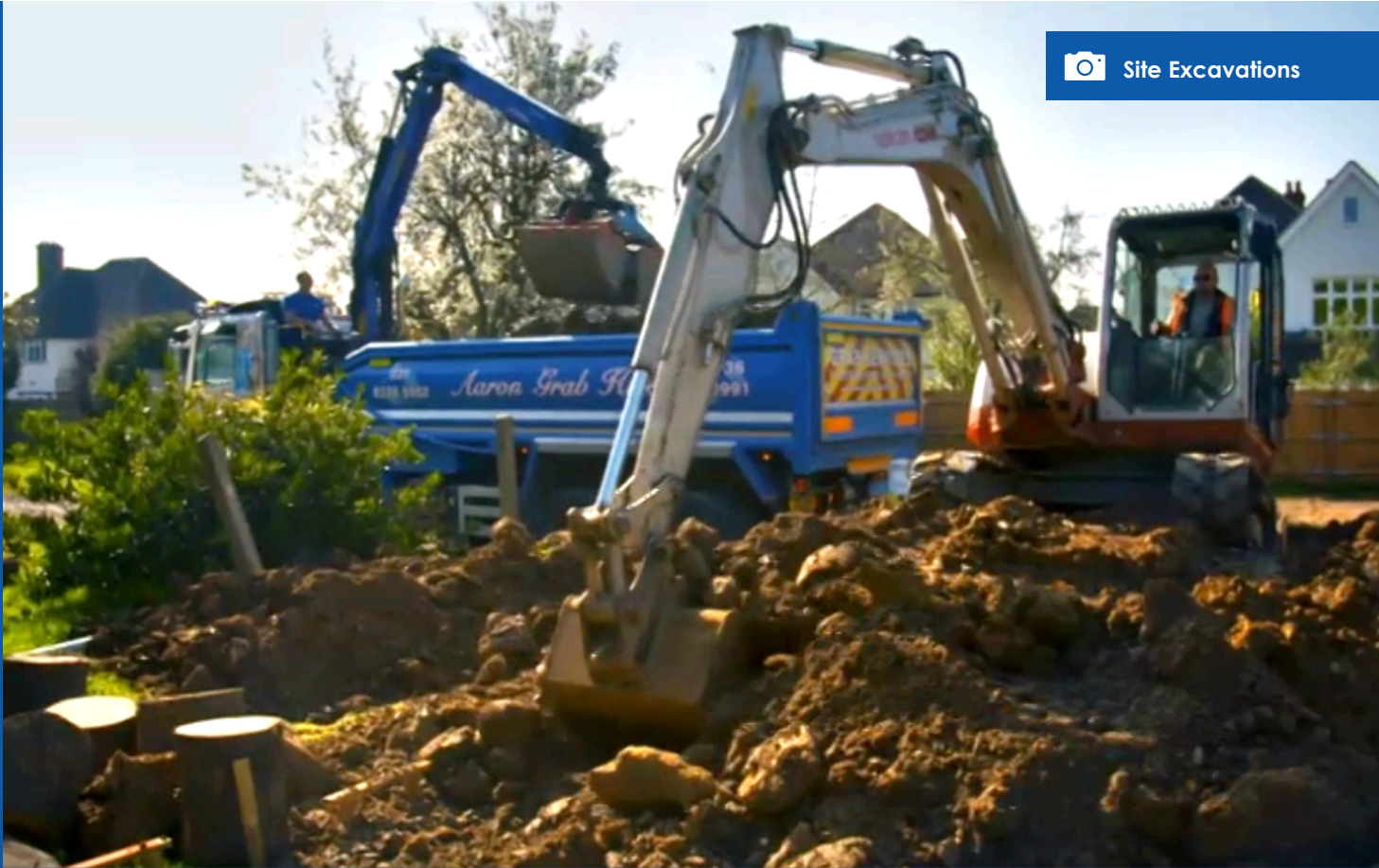


Installation Details



The landscape contractors had a number of issues to contend with on this project, not least having to work around a building under construction and around all the other trades busy working on site to complete the project on schedule. In addition to this, there was also a film crew regularly filming the progress of the build for Grand Designs and the final stages of the project were completed in winter, which meant bad weather and a wet, muddy site. In spite of the difficulties the landscapers were able to complete the project on time with the driveway being the last item to be completed as they worked their way out of the site. Fortunately, laying Nidagravel grids is not weather dependant and freezing temperatures are not an issue. The large sheet size and lightweight grids also means installation is fast and as soon as the grids are filled with gravel the surface is ready to use straight away, which is very handy when contractors are up against a completion deadline.





Site Excavations



Sub-base preparations



Landscaping works





The finished results



Arriving at the property, the driveway entrance is surfaced in block paving which then opens out to a large gravel parking area stabilised with Nidagravel 140, which compliments the modern facade of the building and the Siberian larch cladding. The use of a golden gravel warms and lightens the space and creates the perfect entrance from which to enter this beautifully designed and landscaped contemporary home.

“Beauty is not skin deep, it really comes from within - so just imagine what this place can now offer Born, Elinor and their kids - they can thrive here.”

Kevin McCloud, Presenter of Grand Designs
www.granddesignsmagazine.com





Nidagravel 140 - Gravel Stabilisation Grid



Category	Gravel stabilisation
Application	Driveways, paths, patios and car parks
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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