

PROJECT | Stokenchurch

CONTRACTOR | AK Construction London Ltd

CLIENT | Mr & Mrs Vaughan

PRODUCT(S) | CORE Drive 60-40 HDR



Sloping Gravel Driveway



PROJECT | **INSTALL A SUITABLE DRIVEWAY SURFACE**  
BRIEF | **FOR A '1 IN 5' SLOPED AREA.**

The clients had a driveway with a steep 1 in 5 slope which became difficult to use during winter weather conditions. The driveway sloped away from the property and swept around toward a newly constructed garage at the bottom of the slope. They had two vehicles, a 4 x 4 and a sports car and wanted a surface that would provide safe access both for pedestrians and vehicles during winter conditions that would be in keeping with the rural nature of the property. They felt loose gravel would not be an option because of the steep slope of the driveway.

PRACTICAL SOLUTION | **REMOVED EXISTING TARMAC, REPAIRED SUBBASE, LAID CORE DRIVE 60-40 HDR**

The existing macadam surface was removed and a new granite sett edge was installed. The existing sub base was topped up with additional type 1 sub base, graded shaped and re compacted. Coredrive 60-40HDR gravel stabiliser was laid over a sharp sand blinding and galvanised steel fixing pins were inserted into the sockets to provide additional stability to the entire surface. It was then filled with locally sourced 10/12mm angular gravel.



ADVANTAGES | **"We loved the idea of gravel but our drive is quite steep we didn't think it would be a viable option"** Mrs Vaughan

Using a gravel stabilisation grid meant the existing sub base could be utilized as part of the new sub base producing a significant cost saving and improving the environmental impact of the works. The porous surface allows water to flow through avoiding surface water build up eliminating the risk of slipping in wet conditions and therefore reducing the risk of ice formed from standing water in sub zero temperatures. The gravel finish provides ideal surface traction for vehicles whilst maintaining a clean surface for pedestrians. Perfectly suitable for access by prams, pushchairs and DDA compliant if disabled access were required.

