

PROJECT | Woodend, Buckinghamshire

CONTRACTOR | AK Construction London Ltd

CLIENT | Usher Family

PRODUCT(S) | CORE Drive 38-25



PROJECT | **WELL DRAINED PARKING AREA SUITABLE FOR WHEELCHAIRS USERS AND PRAMS**

The primary requirement was to create a flat firm surface that was accessible to wheelchair and prams.

The second problem was that this particular area of the drive was prone to flooding and required a SuDS compliant surface that would allow the water to infiltrate back into the substrate as quickly as possible.

Lastly, to use products that would enable them to stay within the clients budget.

PRACTICAL SOLUTION | **A SuDS COMPLIANT SUBBASE WITH CORE DRIVE 38-25 POROUS WEARING COURSE**

The contractors used MOT type 3 which has reduced fines for the subbase. The fact this material has reduced fines means even when compacted there will still be small voids allowing water to infiltrate through into the substrate.

They then used 2-6mm agricultural grit as bedding layer and laid the CORE Drive 38-25 sheets on top. A 10-12mm angular gravel was used to fill the cells as the smaller the gravel the flatter the surface making it easier for prams and wheelchairs to pass over it.



ADVANTAGES | **"A NICE FIRM SURFACE BUT SOMETHING THAT LETS THE WATER DRAIN AWAY QUICKLY, PERFECT"** *Trudi Usher*

Using a gravel stabilisation grid means you have a cost effective firm surface that allows the water to drain away.

The attached geotextile membrane means no weeds will grow from underneath the grid and eliminates the risk of gravel slipping under the cell wall and causing the grid to rise.

