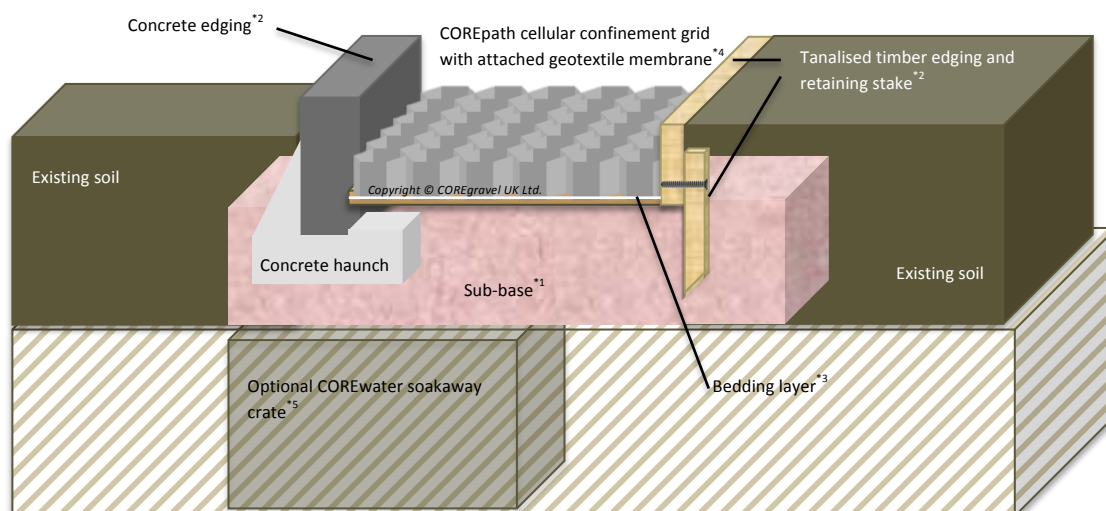






# COREpath® Install Guide

## Technical install Diagram



Sub-base<sup>\*1</sup> = Once the CBR has been established lay the sub-base at the required depth for the intended traffic load.

**Standard subo base** could be DoT type 1; scalplings; crushed limestone; firm existing surface i.e. old gravel driveway, Asphalt or concrete. Sharp sand should be laid 100mm to form a bedding layer and iron out any minor deformities in the sub1 base.

**SUDS compliant subo base** should contain no fines (nothing smaller than 2mm). This prevents the base from binding together; allowing water to penetrate freely i.e. clean angular gravel or clean crushed aggregate. The smaller aggregate should be laid to form a bedding layer on top of the larger aggregate, when compacted this will form a suitable surface on which the grid system can be laid.

Edging<sup>\*2</sup> = The choice of edge restraint is partly dependant on the intended application and the intended traffic load. Concrete, timber, metal and recycled plastic are all suitable.

Bedding Layer<sup>\*3</sup> = Sharp sand should be used for non SUDS compliant installs. 300mm clean crushed aggregate should be used for a truly SUDS compliant install.

COREdrive<sup>\*4</sup> = The cellular confinement grid has a 50mg porous geotextile membrane heat welded to the underside this ensures that the gravel laid in the system will not migrate into the sub-base or under the cell walls. The attached membrane assists with the overall integrity of the system; the weight of the aggregate resting on the membrane means the polypropylene grid is firmly held down and has no movement. Each individual sheet has fixings on all four sides creating a single matrix when all sheets are clipped together.

COREwater<sup>\*5</sup> = The soakaway crates should be wrapped in a geotextile membrane creating a void underground where the water will quickly collect then slowly infiltrate back into surrounding soil. Alternatively the crates can be wrapped in an impermeable membrane, storing the water for later use. For further information on how to install the crates please refer to the COREwater Specification sheet.

**Specific advice on the use of COREdrive on steep slopes, drainage sustainability and Sustainable Urban Drainage Systems (SUDS) applications can be obtained from COREgravel.**

Provided with permission from COREgravel UK Ltd.

Copyright © COREgravel UK Ltd. All rights reserved. COREgravel UK Ltd accepts no

responsibility for any loss or damage resulting from the use of this guide or incorrect installation of this product.