

BRADDRIVE® COBBLESTONE INSTALLATION

INSTRUCTIONS

BradDrive Cobblestone is installed differently to other concrete block paving and we recommend that this product is installed by a Bradstone Assured Installer.

The following instructions assume the driveway is being laid in typical conditions with suitable falls installed and that the natural ground drains well and is for light vehicular use only.

1. A soil permeability test is recommended prior to installation to ensure it is suitable if the ground conditions are not already known.
2. The area should be excavated to a depth of 400mm below the dwelling DPC so that the finished height of the driveway surface is no higher than 150mm below DPC.
3. Drainage channels must be used where required and correctly installed solid edge restraints are **essential** around the **FULL** perimeter of the driveway area.
4. Install a suitable geotextile membrane if required on top of the natural ground on which to put a minimum sub-base of 150mm Type 1 MOT. This should be laid and compacted in at least 2 stages, which in the case of 150mm is 75mm.
5. BradDrive Cobble should be laid on a 30-40mm sharp sand bed thickness once compacted and checked with a screed level to ensure there are no dips in the area to be laid.
6. Blocks must be mixed from a minimum of 3 packs at a time if using a single colour or 6 packs at a time if using multiple colours.

7. The cobbles can be laid in any configuration along each course whilst ensuring there are no cross joints between individual courses.
8. BradDrive Cobblestone **MUST NOT** be laid in a radius or circular pattern.
9. Ensure that there is a tight connection for all blocks to the perimeter and each other – **NO GAPS** or it will fail.
10. Never cut the units to a finished size that is less than 2/3 of its original uncut size. To maintain continuous drainage across the entire driveway we do not advise that cut blocks are laid against the edge and instead are laid surrounded by blocks on all sides. You can use an offcut of a Cobble, or, other suitable material to use as a shim form a tight connection if required.
11. Compact the blocks using a compactor plate with a rubber mat. A lack of rubber mat will result in damaged or scratched blocks. Compaction can only take place before the jointing compound has been applied as it will lead to system failure if done after.
12. Once fully compacted the next step is to apply the recommended jointing compound provided with the cobbles. The correct installation instructions are printed on the tubs supplied. Please pay particular attention to the working temperature of the compound.
13. The jointing compound should come up to the shoulder of the cobble and not be flush with the top of the surface.
14. Once the jointing compound has been finished it is vital that all remaining compound is removed from the face of the cobbles using a soft brush.

15. The compound can either be left as it has located itself in the joints, ensuring a minimum depth of 20mm, or can be struck with a jointing tool.
16. Vehicles will be able to use the completed driveway once the compound has fully cured. This will usually take 2 days but may take longer depending on weather conditions.