

INSTALLATION TIPS FOR LIGHTWEIGHT CONCRETE PAVERS AND STEPS

- Before installation, make sure you have identified the top and bottom of the paver (pavers are always shipped with the top surface facing upward – it is a much smoother and refined surface than the bottom)

- With the nature of concrete, there will be slight variations in colour and texture. If covering a large area we suggest taking pavers from different pallets to ensure an even mix of colour/ variations.

- Our products can easily be cut using standard concrete cutting tools. Always ensure sufficient water is used for dust suppression. The makeup of our product is different from a typical concrete slab. When cutting the outer surface will be hard, and the inner core much quicker and softer to cut, ensure this is done slowly and carefully. The cut edge will not be suitable to have on an exposed edge so make sure you take time to lay out and think about where to position cuts.

- Once you have received your delivery, please take the time to check the product for any signs of damage or defects that may have happened during transit. Any defects should be reported immediately. Ensure the surfaces are kept as clean as possible during the laying process, products should be thoroughly rinsed with water and brushed with a soft brush if spillages occur.

- Efflorescence can occur with any concrete product - it will in time disappear and does not affect the quality of the product - it can be removed with a variety of off-the-shelf products if desired. A variety of sealants can be applied to concrete depending on the desired look - please contact us for the best sealant to use depending on your requirements.

As with any paving, a good well compacted sub-base is required to ensure the stability of the product. We recommend a minimum 100mm compacted T1 sub-base for terrace areas, and a minimum 200mm compacted T1 for driveway areas. Ensure that adequate falls are taken into consideration at this stage.

For our larger format pavers we recommend a 50mm coarse grit sand is laid on the compacted T1. A fall of 1:80 is advised to allow the water to quickly pass from the top surface.

For our step units, we recommend a block system is used to create the supporting rise. To ensure a nice shadowline we recommend a 50mm overhang from one step to the next. Step units can be fixed to the block work with either a strong concrete mortar mix, CT1 or equivalent.

If pavers are to be laid over a pond in a stepping stone manner, we recommend sealing the base of the paver prior to installation with a G4 or equivalent sealer to prevent the paver from remaining constantly damp.

If our pavers are to be used in areas that will experience heavy vehicles - please contact us prior to ordering to ensure we advise on the best paver to be used.

A minimum 5mm cap should be left between pavers to allow for adequate expansion/ contraction. We recommend a permeable jointing compound is used, please follow the manufacturer's guidelines for this process.

For our larger format pavers, suction lifters should be used for final positioning - always ensure that the suction lifter is not larger than the surface of the paver - for our pavers of 70mm and thinner, do not use a suction lifter with power that exceeds 100kg or you may damage the top surface.

If you have any questions about the specification, installation or care of lightweight concrete pavers, please do not hesitate to ask us.