

TERRASMART RESIN BOUND GRAVEL SYSTEM

INSTALL GUIDE



EQUIPMENT

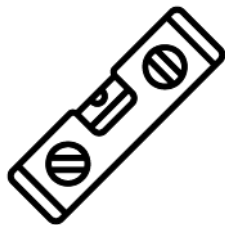
Mitre Saw



Tape Measure



Spirit Level



Angle Grinder



Cordless Drill



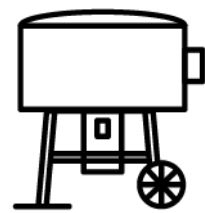
Bullnose Trowel



Utility Knife



Forced Action Mixer



Site PPE

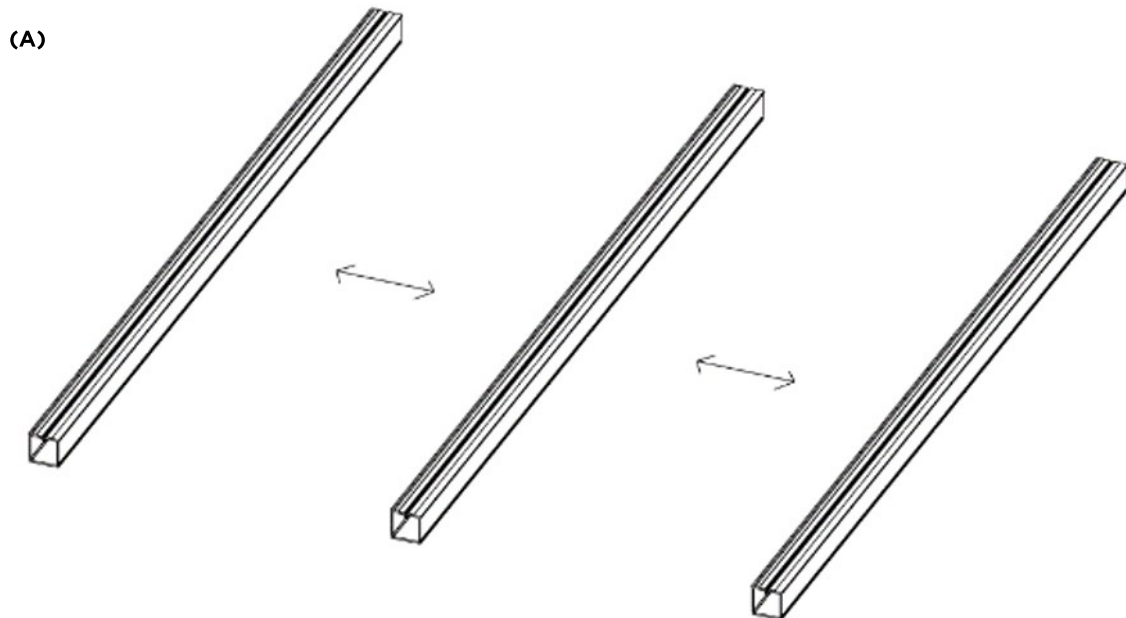


IMPORTANT NOTES

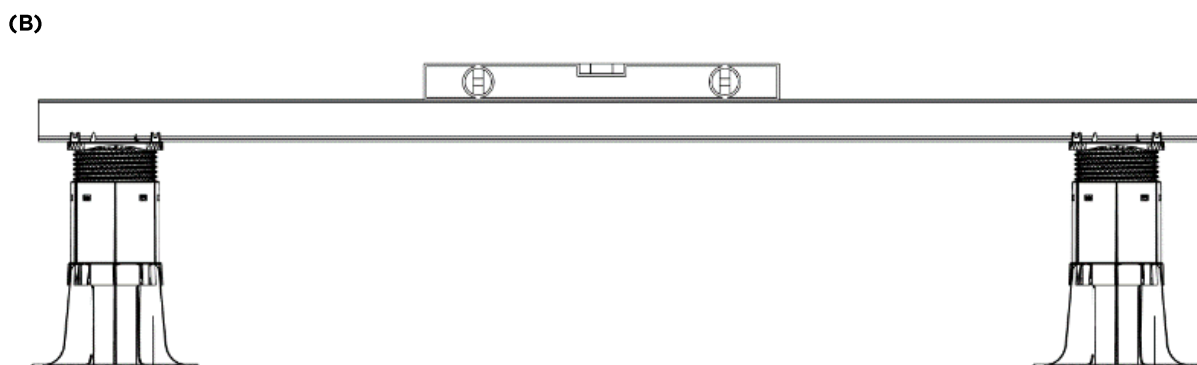
- Leave 3mm gap between board ends when butted end-on-end.
- Some schemes require a 10mm gap around perimeter edge of area.
- Where joists are to be butted end-on-end, ensure there is a support under the join connecting the two joists.
- Always use appropriate torque setting on cordless screwdriver for screws.
- Always use the correct PPE throughout installation.
- The resin is moisture tolerant. However, it is important not to allow water into the mix when mixing the Resin Bound Gravel kit. If you have a cover or an indoor area to mix, you should still be able to lay in moist conditions (not a downpour).

INSTALLATION GUIDANCE

- 1) Lay joists out on substrate at required centres (as per BaseBoard span, see datasheet). **Fig A.**



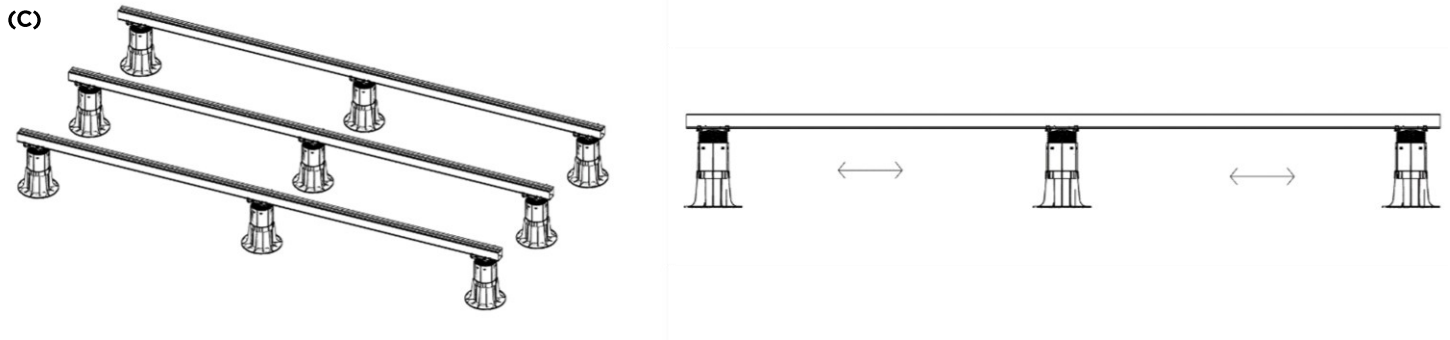
- 2) Lift joists onto pedestal supports at each end of joist and level up. **Fig B.**



- 3) Level all joists to the same level.



4) Add intermediate supports at required centres along joist (as per joist span, see datasheet). **Fig C.**



5) Where joists are to be butted end-on-end, ensure there is a support under the join connecting the two joists.

6) Once all joists are level and fully supported, establish where the first BaseBoard will be laid.

7) Fasten down BaseBoards with **BBS BaseBoard Screws**, using the recesses on the surface to ensure screw heads sit flush with the surface, and not proud. Ensure at least 1 screw is fastened into each supporting joist. Leave a 5mm gap between each board to allow drainage. **Fig D.**

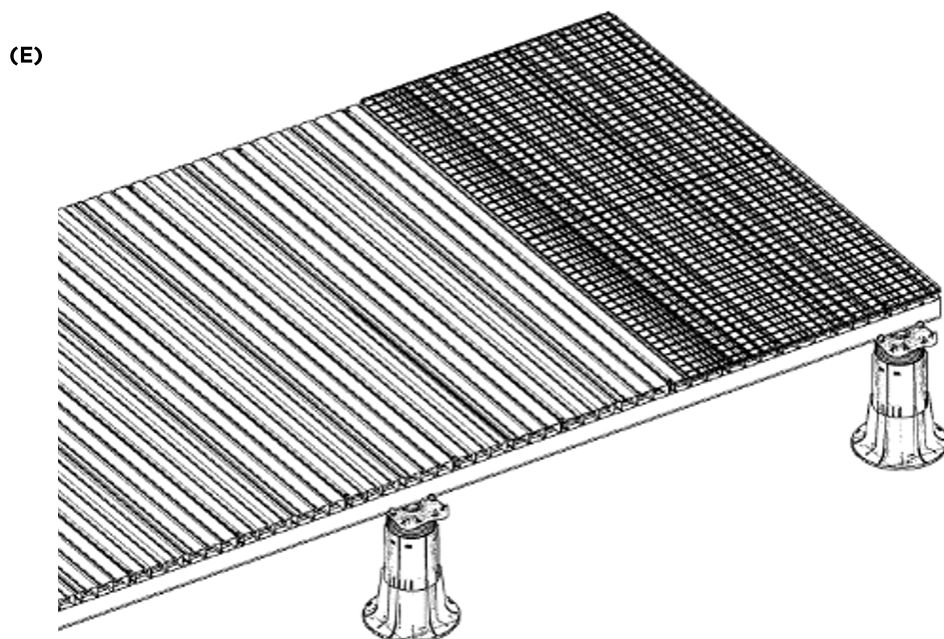


8) Repeat step 7) until last board.

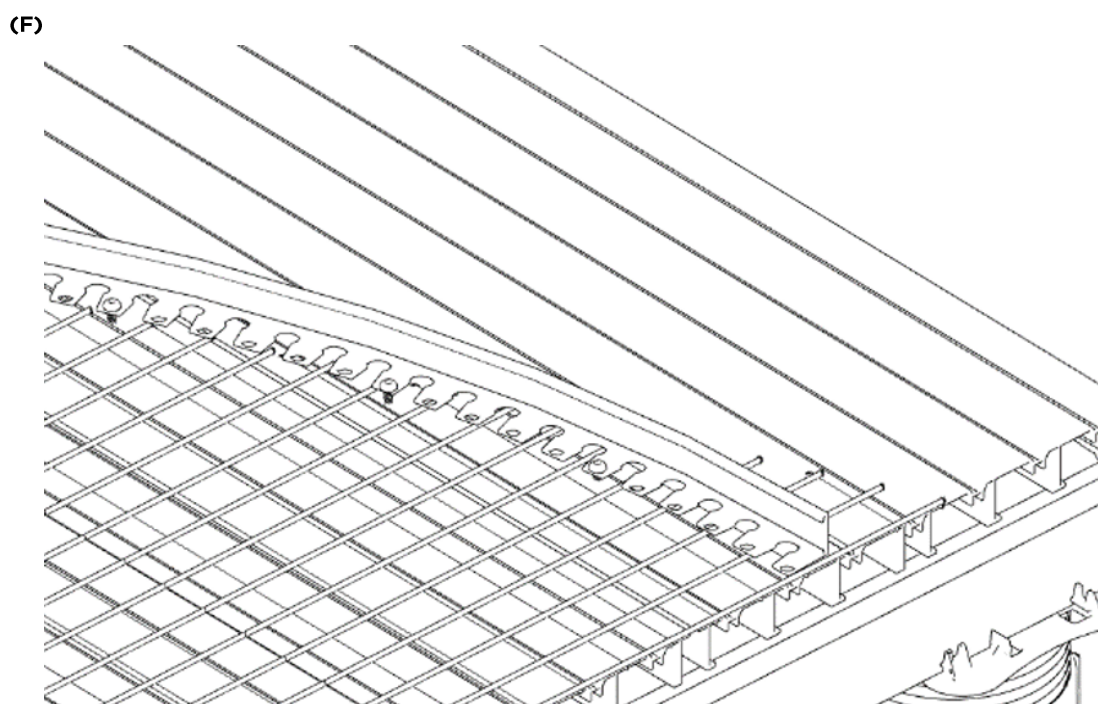
9) Installing the last BaseBoard;

- a) If last board fits perfectly and does not require ripping down length, simply fasten board as per step 7).
- b) If last board is wider than the space available, simply cut board down to required width before fastening down.

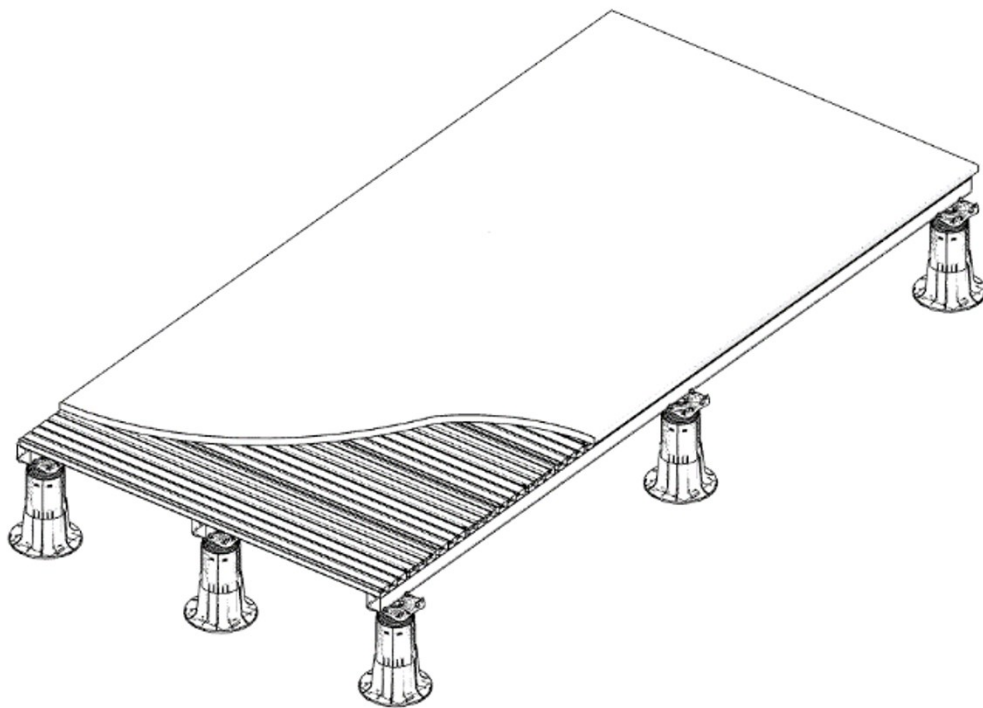
10) Once BaseBoard layer is complete, overlay the Stabilisation Mesh, trimming so there is none exposed at the edge of the area being laid. Fig E.



11) If Boundary Profile is being installed, fasten this down to the perimeter of the area using 13mm Self-Drill Screws, fixing at maximum 600mm centres. Fig F.



- 12) Once supporting structure is complete, apply Resin Bound Gravel Screed in accordance with the Mix Sheet attached to the delivery. Catalyst volume may vary dependent on weather conditions / temperatures.
- 13) All Resin Bound Gravel products should be mixed in a forced action mixer.
- 14) Resin Bound Gravel should be mixed in batches spread by hand using bullnose trowel. Good practice is to have a 3-person team – one mixing, one transporting, one spreading.
- 15) Once Resin Bound Gravel is laid, sprinkle glass powder across surface to create initial grip.
- 16) Your TerraSmart Resin Bound Gravel is now complete.



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