

TERRASMART RESIN BOUND GRAVEL SYSTEM

INSTALL GUIDE



EQUIPMENT

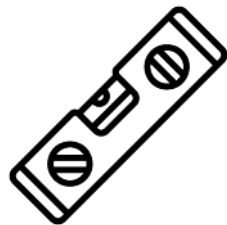
Mitre Saw



Tape Measure



Spirit Level



Angle Grinder



Cordless Drill



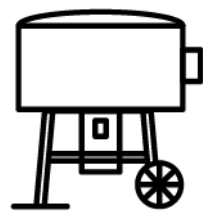
Bullnose Trowel



Utility Knife



Forced Action Mixer



Site PPE

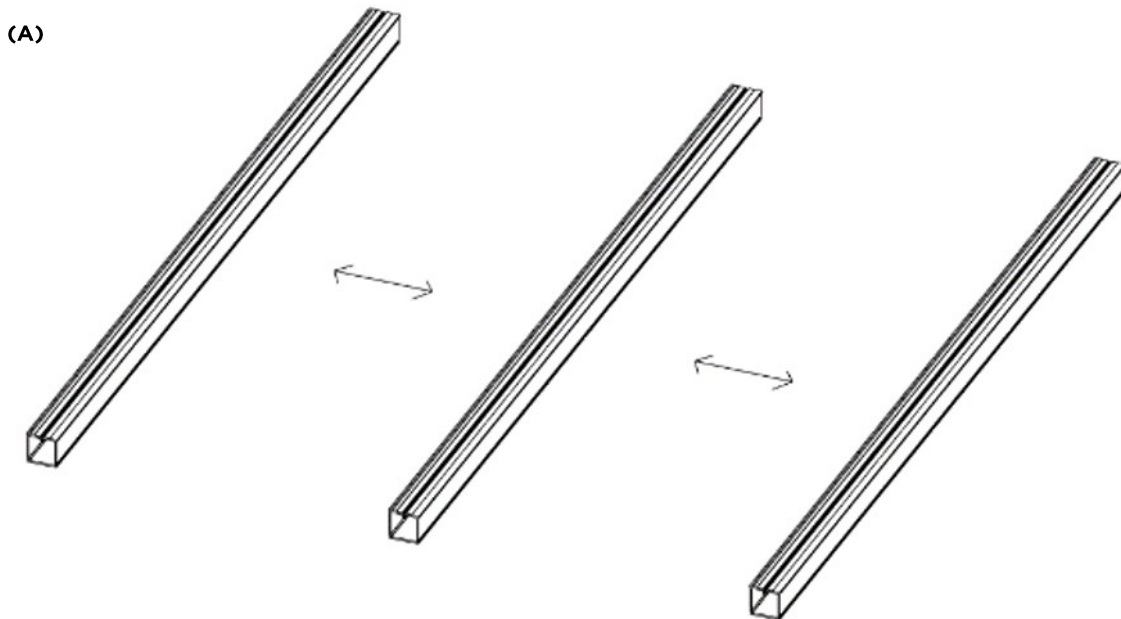


IMPORTANT NOTES

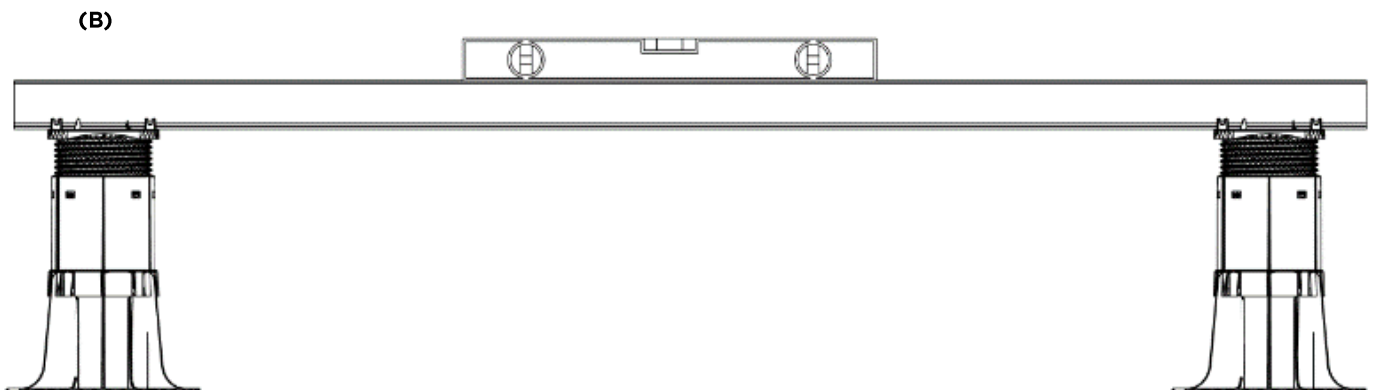
- Leave 3mm gap between board ends when butted end-on-end.
- Some schemes require a 10mm gap around perimeter edge of area.
- Where joists are to be butted end-on-end, ensure there is a support under the join connecting the two joists.
- Always use appropriate torque setting on cordless screwdriver for 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).
- Typical spacings shown within this guide are based on standard system design conditions. Project-specific loads, finishes, build-ups or design requirements may require alternative or reduced support spacings. Always refer to the project-specific design information where provided. Where requirements are unclear, contact the RYNO Technical Team before installation.

INSTALLATION GUIDANCE

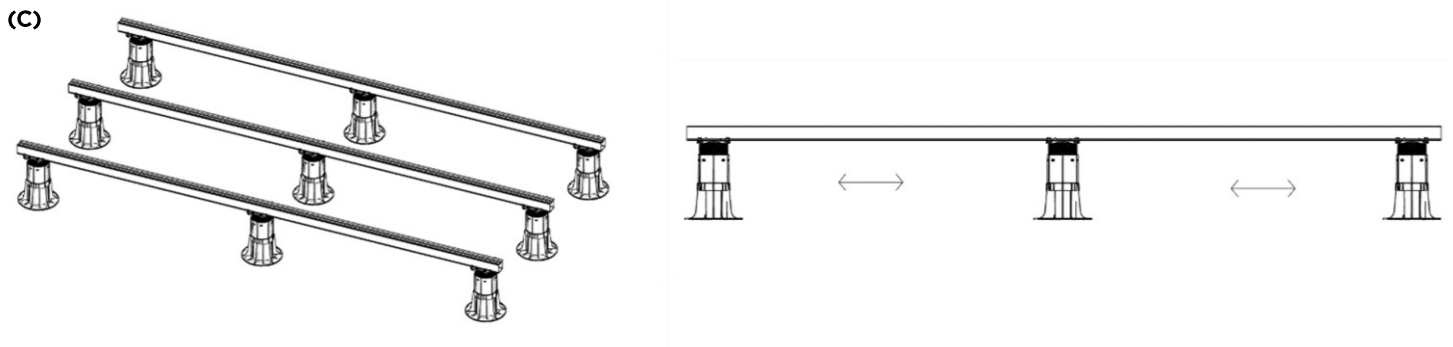
- 1) Lay joists out on substrate at required centres (as per BaseBoard span, see datasheet). Fig A.



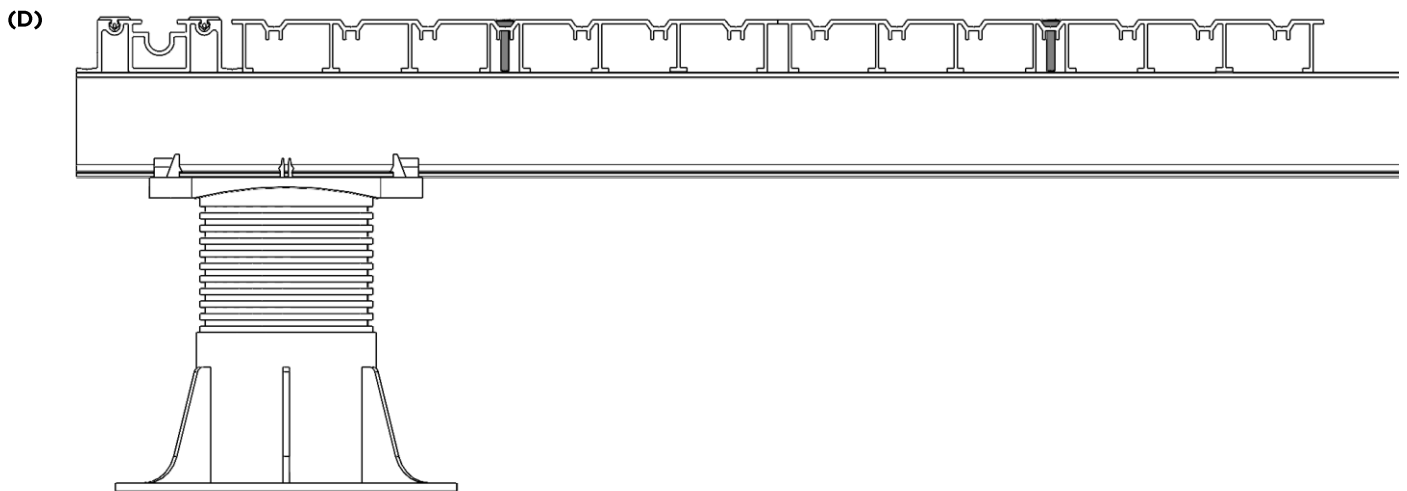
- 2) Lift joists onto pedestal supports at each end of joist and level up. Fig B.



- 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.**



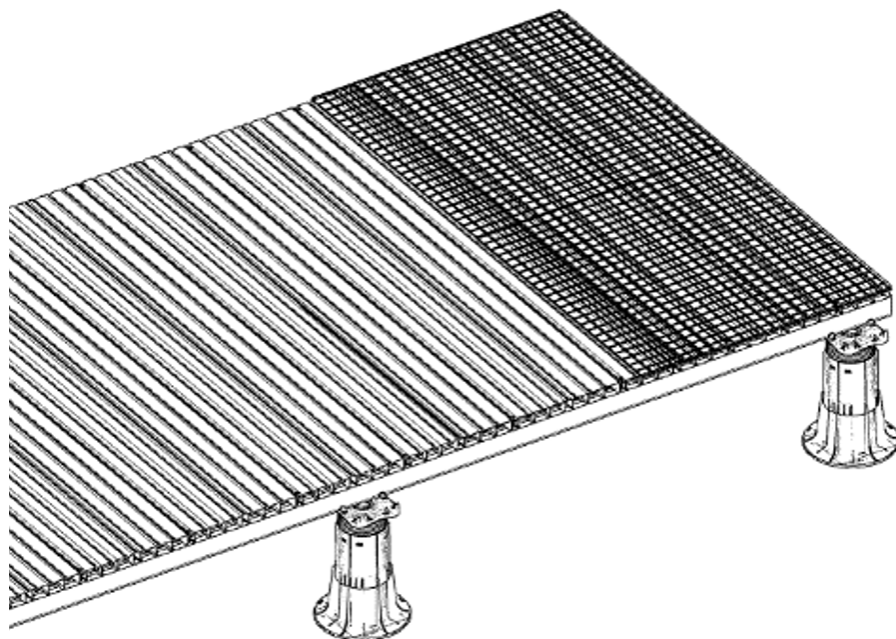
- 5) Where joists are to be butted end-on-end, ensure there is a support under the join connecting the two joists.
- 6) Once all joists are level and fully supported, establish where the first BaseBoard will be laid.
- 7) Fasten down BaseBoards with **BBS BaseBoard Screws**, using the recesses on the 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.

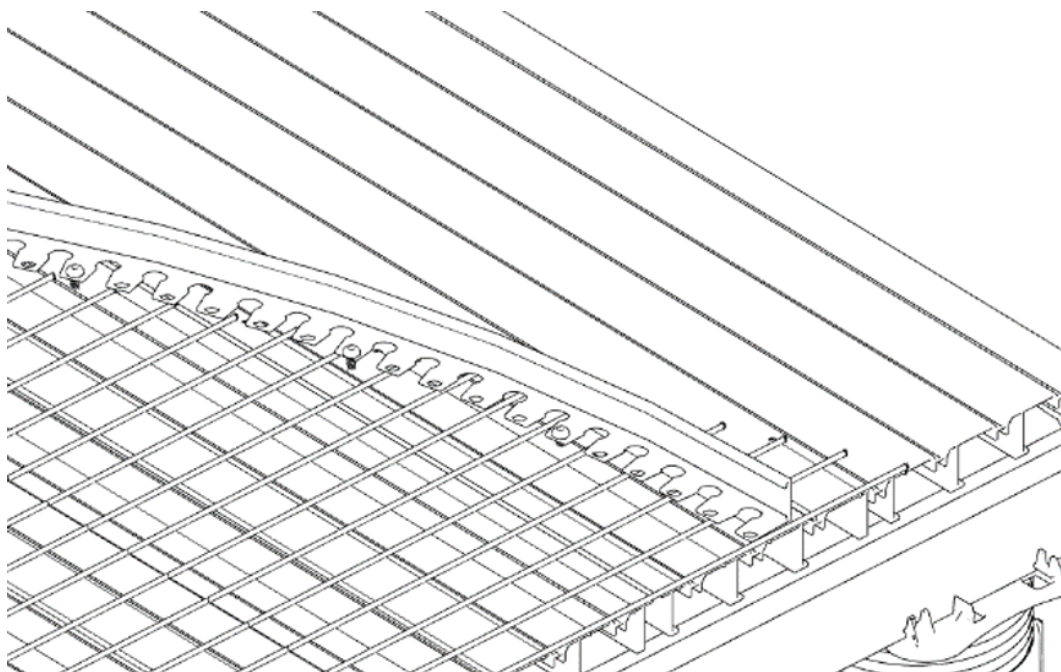
- 10) Once BaseBoard layer is complete, overlay the Stabilisation Mesh, trimming so there is none exposed at the edge of the area being laid. Fig E.

(E)

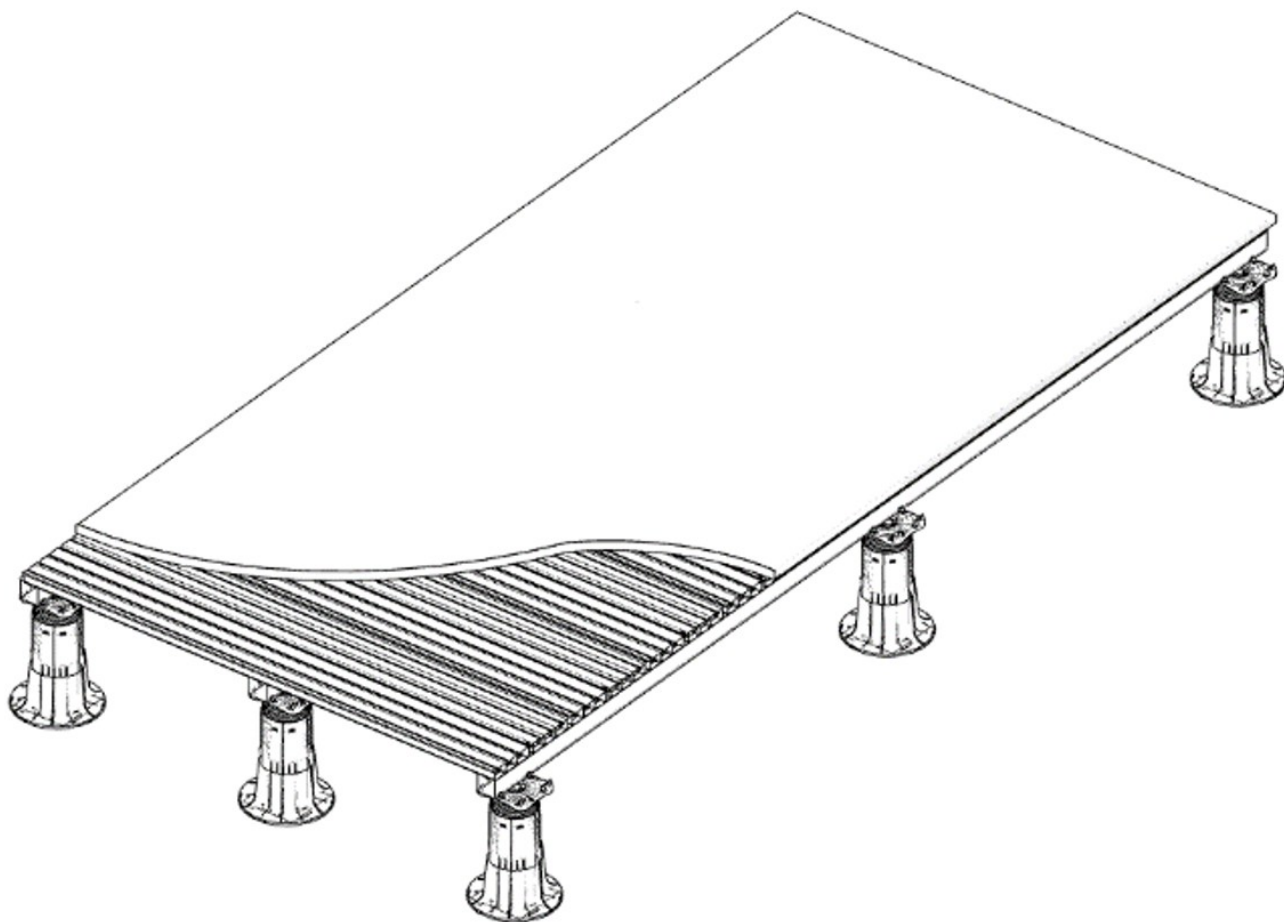


- 11) If Boundary Profile is being installed, fasten this down to the perimeter of the area using 13mm Self-Drill Screws, fixing at maximum 600mm centres. Fig F.

(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.



LET'S TALK

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