

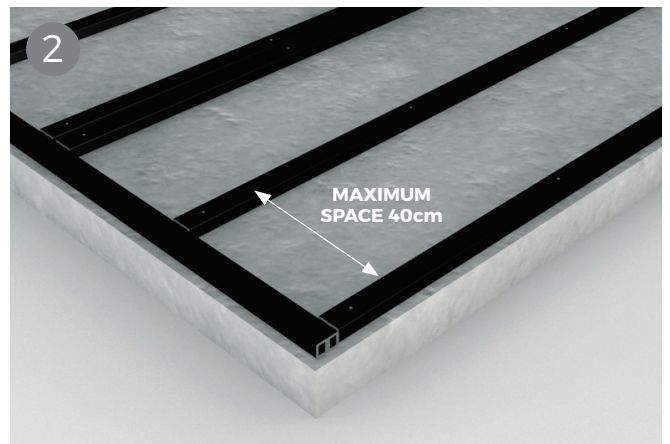
Structural Composite Joists Installation guide

Cladco structural composite joists enable you to place your deck boards or cladding on top of a solid support system. These structural composite decking joists will ensure that everything is correctly positioned and crucially give a strong foundation for your project.

Produced from recycled plastics and measuring 4000mm x 100mm x 50mm, the structural composite joists are available in charcoal colour and are the foundations for the rest of your composite deck boards to be fitted on top. This guide will give you simple instructions on how to fit them.



Step 1, Structural joists can be laid on top of a solid concrete base or a level area with weed mat covering. Make sure that the area to be installed on is flat and stable. If using a concrete base it should be at least **10cm thick** and have a slight slope - we suggest **a gradient of 1 in 80** - that runs away from the property to allow for the run-off of water that collects under the deck.



Step 2, The maximum recommended space between joist rows depends on the angle at which you intend to lay your boards in relation to the joists, but should **never exceed 400mm**, please see diagram (above).



Step 3, The Structural joists can be secured down on every joist at both edges. With the joists spaced at 400mm this would mean approximately 18 screws per board.



Step 4, If looking to use a raised decking frame area off the floor (something you can't easily step up onto) then use a 100mm x 100mm post every 1m and concrete the post into the ground or fix the post securely to the ground.



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Please always consult a professional before installing Cladco Products

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